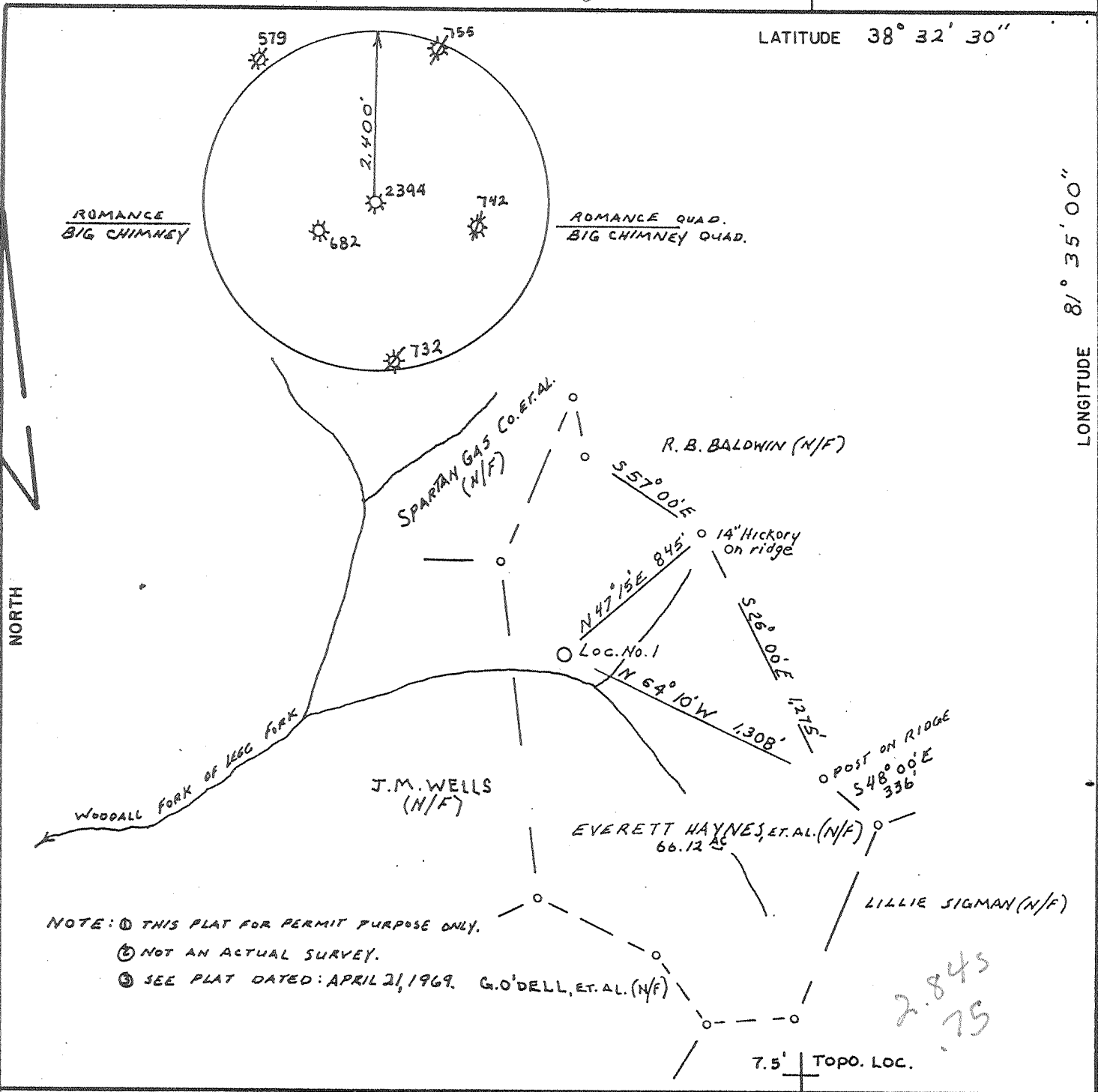


3,950'

LATITUDE 38° 32' 30"

LONGITUDE 81° 35' 00"



NOTE: ① THIS PLAT FOR PERMIT PURPOSE ONLY.
 ② NOT AN ACTUAL SURVEY.
 ③ SEE PLAT DATED: APRIL 21, 1969. G.O'DELL, ET AL. (N/F)

2.845
75

FILE NO. _____
 DRAWING NO. _____
 SCALE 1" = 660'
 MINIMUM DEGREE OF ACCURACY 1" IN 200'
 PROVEN SOURCE OF ELEVATION U.S.G.S.: B.M. C-97, 1956
 ELEV. 630.00'

I THE UNDERSIGNED, HEREBY CERTIFY THAT THIS PLAT IS CORRECT TO THE BEST OF MY KNOWLEDGE AND BELIEF AND SHOWS ALL THE INFORMATION REQUIRED BY LAW AND THE REGULATIONS ISSUED AND PRESCRIBED BY THE DEPARTMENT OF MINES.
 (SIGNED) *[Signature]*
 R. P. E. _____ L. L. S. 1423

PLACE SEAL HERE

(+) DENOTES LOCATION OF WELL ON UNITED STATES TOPOGRAPHIC MAPS
 FORM IV-6 (8-78)

WV DEP
 Division of Oil & Gas
 #10 McJunkin Rd.
 Nitro, WV 25143-2506

DATE JANUARY 6, 192000
 OPERATOR'S WELL NO. 1
 API WELL NO. 47-039-2394 F
 STATE COUNTY PERMIT

Oil & Gas Division

WELL TYPE: OIL ___ GAS X LIQUID INJECTION ___ WASTE DISPOSAL ___
 (IF "GAS", PRODUCTION X STORAGE ___ DEEP X SHALLOW X)
 LOCATION: ELEVATION 865.30' WATER SHED WOODALL FORK OF LEGG FORK
 DISTRICT POCATAHICO COUNTY KANAWHA
 QUADRANGLE ROMANCE 7.5'
 SURFACE OWNER EVERETT HAYNES, ET AL. (N/F) ACREAGE 66.12
 OIL & GAS ROYALTY OWNER EVERETT HAYNES, ET AL. (N/F) LEASE ACREAGE 66.12
 LEASE NO. _____

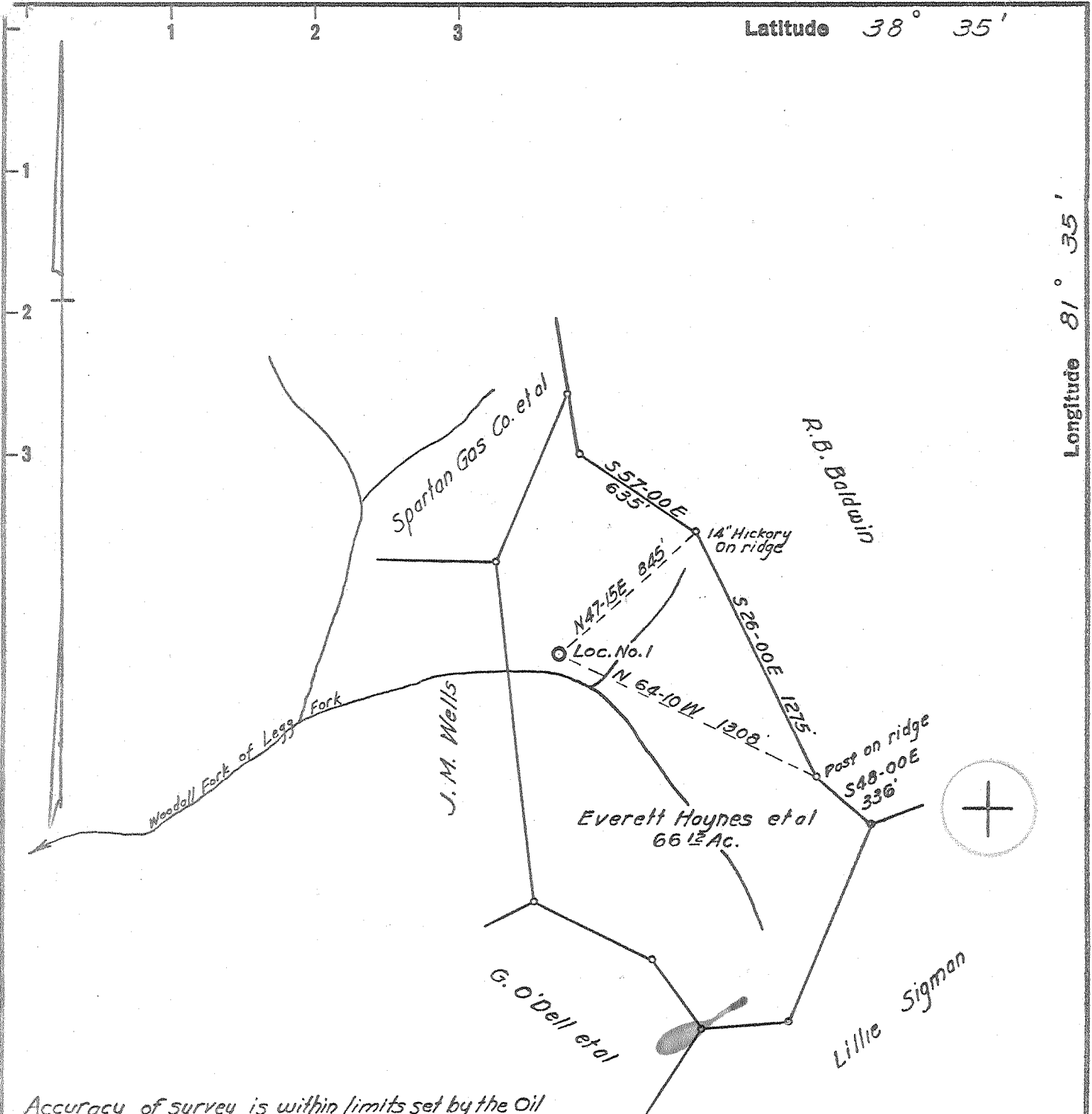
PROPOSED WORK: DRILL ___ CONVERT ___ DRILL DEEPER ___ REDRILL ___ FRACTURE OR STIMULATE ___ PLUG OFF OLD FORMATION ___ PERFORATE NEW FORMATION X OTHER PHYSICAL CHANGE IN WELL (SPECIFY) _____

PLUG AND ABANDON ___ CLEAN OUT AND REPLUG ___
 TARGET FORMATION Oriskany ESTIMATED DEPTH 4845' **JUL 07 2000**
 WELL OPERATOR VIKING ENERGY, INC. DESIGNATED AGENT MICHAEL PINKERTON
 ADDRESS P.O. BOX 13366 ADDRESS SAME AS OPERATOR
SISSONVILLE, WV. 25360

CHARLESTON BLUEPRINT 087163

KAN 2394 F

JUL 8 2000



Accuracy of survey is within limits set by the Oil & Gas Division, W. Va. Department of Mines.

Bench Mark Data:

U.S.G.S. Standard Disk stamped "C-97,1956", set in north wall of Junior High School building at Sissonville. Elevation 630.0.

- New Location
- Drill Deeper
- Abandonment

"I, the undersigned, hereby certify that this map is correct to the best of my knowledge and belief and shows all the information required by paragraph 6 of the rules and regulations of the oil and gas section of the mining laws of West Virginia."

John H. Burtnett

| | |
|-----------------------------|-------------------------------------|
| Company | ASHLAND OIL & REFINING CO. |
| Address | ASHLAND, KENTUCKY |
| Farm | EVERETT HAYNES ETAL UNIT |
| Tract | Acres 66 1/2 Lease No. 46,399, A, B |
| Well (Farm) No. | 1 Serial No. 5003 |
| Elevation (Spirit Level) | 865.3 |
| Quadrangle | KENNA 5C |
| County | KANAWHA District POCA |
| Engineer | John H. Burtnett |
| Engineer's Registration No. | 1442 |
| File No. | 64-D Drawing No. |
| Date | APRIL 21, 1969 Scale 1" = 660' |

STATE OF WEST VIRGINIA
DEPARTMENT OF MINES
OIL AND GAS DIVISION
CHARLESTON

WELL LOCATION MAP
FILE NO. KAN-2394

- + Denotes location of well on United States Topographic Maps, scale 1 to 62,500, latitude and longitude lines being represented by border lines as shown.
- Denotes one inch spaces on border line of original tracing.



STATE OF WEST VIRGINIA
DEPARTMENT OF MINES
OIL AND GAS WELLS DIVISION

Rotary
Spudder
Cable Tools
Storage

Quadrangle Kenna
Permit No. KAN-2394

WELL RECORD

Oil or Gas Well Gas
(KIND)

Company Ashland Oil & Refining Company
Address P. O. Box 391, Ashland, Ky. 41101
Farm Everett Haynes Unit Acres 291.12
Location (waters) Double Legg Fork
Well No. 1 Elev. 882 KB
District Poca County Kanawha
The surface of tract is owned in fee by Everett Haynes
1626 Washington St. W Address Charleston, W. Va.
Mineral rights are owned by Everett Haynes et al
Same as above Address _____
Drilling commenced 4-27-69
Drilling completed 5-9-69
Date Shot _____ From _____ To _____
With _____
Open Flow /10ths Water in _____ Inch
/10ths Merc. in _____ Inch
Volume _____ Cu. Ft.
Rock Pressure _____ lbs. _____ hrs.
Oil _____ bbls., 1st 24 hrs.
WELL ACIDIZED (DETAILS) _____
WELL FRACTURED (DETAILS) 5-15-69 2/500 gal. HF Acid, 800 bbl. treated water, 17,000# 20-40 sand, 50# FR-16 friction reducing agent, Spearheaded 8/55 gal. Baroid B-11 Biocide
RESULT AFTER TREATMENT (Initial open Flow or bbls.) CAOF by Isochronal test - 16.4 MMCFD
ROCK PRESSURE AFTER TREATMENT _____ HOURS Wellhead - 1720 psig Deadweight 16,400 McF
Fresh Water 298 Feet _____ Salt Water 1090 Feet _____
Producing Sand Newburg Depth 5739-5745

| Casing and Tubing | Used in Drilling | Left in Well | Packers |
|-------------------|------------------|--------------|-----------------|
| Size | | | Kind of Packer |
| 16 | | | Cemented @79 |
| 13 3/8 | 59 | 59 | Size of |
| 10 | | | Cemented @ 1857 |
| 8 5/8 | 1837 | 1837 | Depth set |
| 6 1/2 | | | Cemented @ 5706 |
| 4 1/2 | | | Perf. top |
| 3 | | | Perf. bottom |
| 2 3/8" | | 5741 | Perf. top |
| Liners Used | | | Perf. bottom |

Attach copy of cementing record. 13 3/8" with 60 Sx 4-27-69
CASING CEMENTED 8 5/8" SIZE 625 Sx No. Fl. 5-2-69 Date
Amount of cement used (bags) 5 1/2" with 100 sx. 5-6-69
Name of Service Co. Dowell, Halliburton, Dowell
COAL WAS ENCOUNTERED AT _____ FEET _____ INCHES
_____ FEET _____ INCHES _____ FEET _____ INCHES
_____ FEET _____ INCHES _____ FEET _____ INCHES

| Formation | Color | Hard or Soft | Top | Bottom | Oil, Gas or Water | Depth | Remarks |
|------------------|-----------------|--------------|------|--------|-------------------|-------|---------|
| Sand & Shale | | | 0 | 69 | | | |
| Sand | | | 69 | 95 | | | |
| Shale | | | 95 | 200 | | | |
| Sand & Shale | | | 200 | 308 | | | |
| Sand | | | 308 | 385 | | | |
| Sand & Shale | | | 385 | 1090 | | | |
| Salt Sand | | | 1090 | 1538 | | | |
| Big Lime | | | 1538 | 1700 | 5739 | 5739 | |
| Big Injun Sand | | | 1700 | 1795 | 882 | 4950 | |
| Shale | | | 1795 | 2182 | 4857 | 1789 | |
| Sand & Shale | | | 2182 | 2245 | | | |
| Shale | | | 2245 | 4845 | | | |
| Corniferous Lime | | | 4845 | 4950 | | | |
| Oriskany Sand | | | 4950 | 4994 | | | |
| Lime & Dolomite | | | 4994 | 5739 | | | |
| Newburg Sand | | | 5739 | 5745 | | | |
| Lime & Dolomite | <u>Mckenzie</u> | | 5745 | 5759 | | | |
| TD | | | | 5759 | | | |

