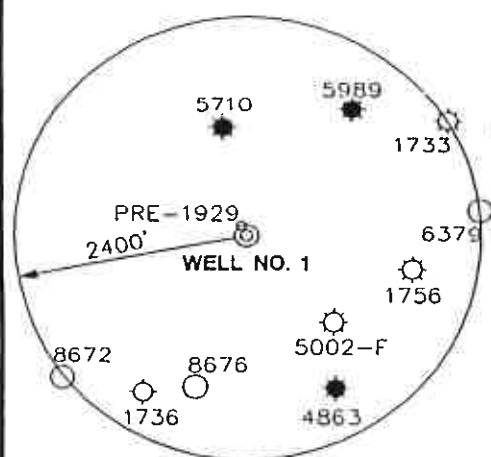
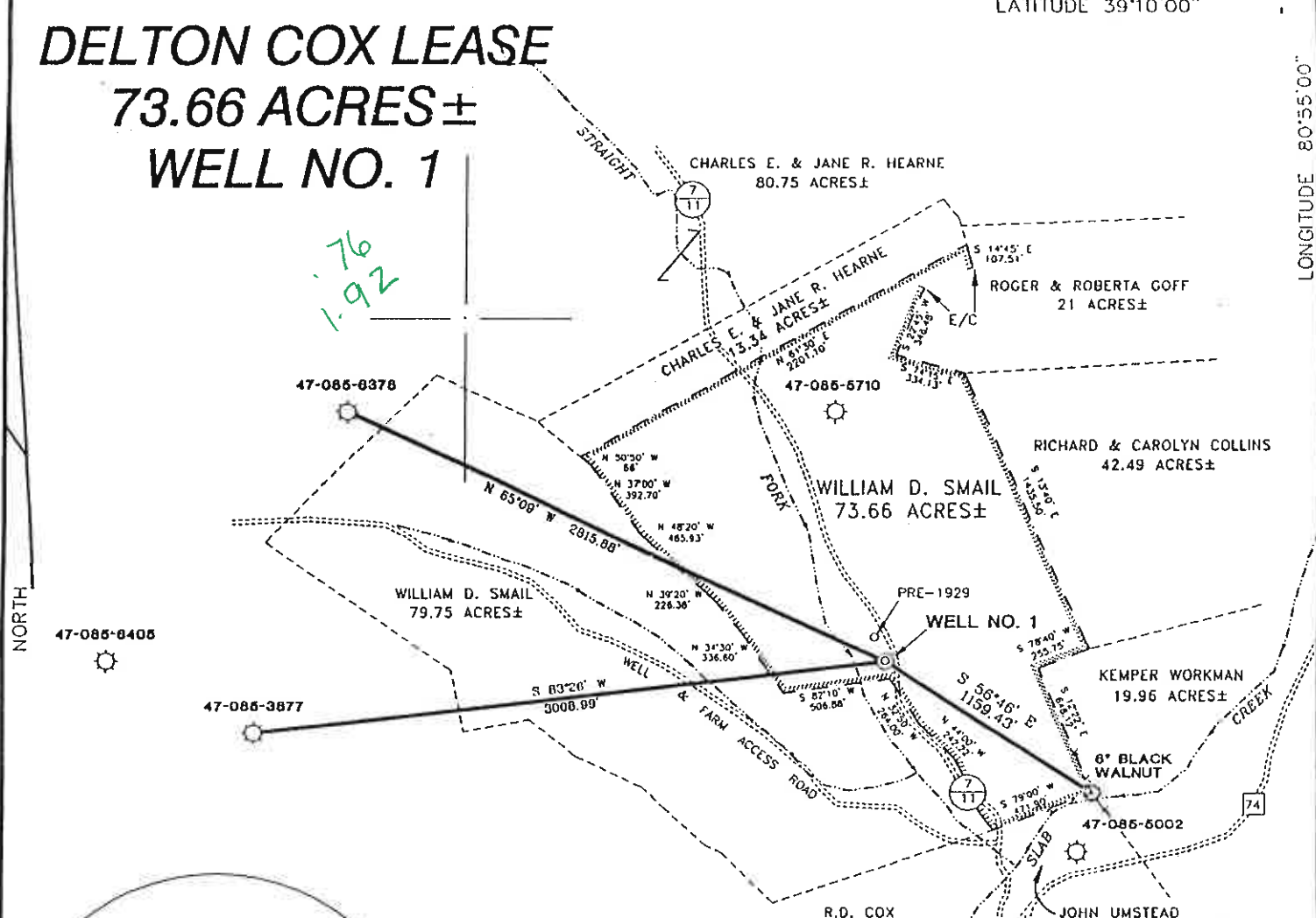
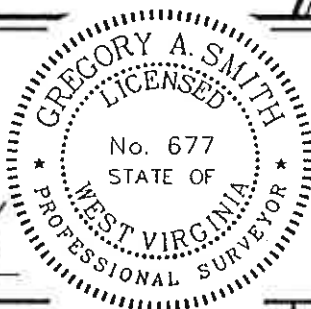


76
1.92



1. TIES TO WELLS ARE BASED ON
STATE PLANE GRID NORTH
WV NORTH ZONE NAD '27.
2. TIES TO REFERENCES ARE BASED ON
MAGNETIC NORTH 07-28-2000.
3. LEASE BOUNDARY SHOWN HEREON
TAKEN FROM A TITLE OPINION DATED JUNE
8,2000 AS PREPARED BY RICHARD M.
REDDECLIFF ATTORNEY AT LAW.
4. SURFACE OWNER AND ADJOINER
INFORMATION TAKEN FROM THE ASSESSOR
AND COUNTY CLERK RECORDS OF RICHTIE
COUNTY IN JUNE, 2000.
5. WELL LAT./LONG. ESTABLISHED BY
DGPS(SUBMETER MAPPING GRADE).

P.S.
677 Gregory A. Smith



API
WELL
NO. 47-085-08710
STATE COUNTY PERMIT

MINIMUM DEGREE OF ACCURACY	1 / 200	FILE NO.	4431P1 (96/1)
PROVEN SOURCE OF ELEVATION	JUNCTION OF ROADS 832'	SCALE	1" = 800'

STATE OF WEST VIRGINIA
DIVISION OF ENVIRONMENTAL PROTECTION
OFFICE OF OIL AND GAS



LOCATION :
ELEVATION 806' WATERSHED STRAIGHT FORK OF SLAB CREEK

DISTRICT	UNION	COUNTY	RITCHIE	QUADRANGLE	PULLMAN 7.5'
----------	-------	--------	---------	------------	--------------

SURFACE OWNER	WILLIAM D. SMAIL	ACREAGE	73.66±
---------------	------------------	---------	--------

ROYALTY OWNER	F.W. COX HEIRS, ETAL	LEASE ACREAGE	73.66±
---------------	----------------------	---------------	--------

PROPOSED WORK : _____ LEASE NO. _____

DRILL X CONVERT DRILL DEEPER REDRILL FRACTURE OR STIMULATE X PLUG OFF OLD

FORMATION____ PERFORATE NEW FORMATION ____ PLUG AND ABANDON____ CLEAN OUT AND REPLUG ____ OTHER____

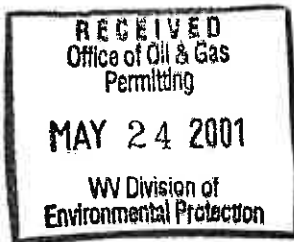
PHYSICAL CHANGE IN WELL (SPECIFY) _____ TARGET FORMATION _____ ALEXANDER _____

ESTIMATED DEPTH 5600'

WELL OPERATOR KEY OIL COMPANY _____ DESIGNATED AGENT JAN CHAPMAN

ADDRESS 22 GARTON PLAZA WESTON, WV 26452 ADDRESS 22 GARTON PLAZA WESTON, WV 26452

6-6 124 DEC 8 2000



State of West Virginia
Division of Environmental Protection
Section of Oil and Gas

Well Operator's Report of Well Work

Farm name: WILLIAM D. SMAIL

Operator Well No. : DELTON COX #1

LOCATION: Elevation: 806.00

Quadrangle: PULLMAN

District: UNION

County: RITCHIE

Latitude: 3980 Feet South of 39 Deg. 10 Min. 00 Sec.

Longitude: 10110 Feet West of 80 Deg. 55 Min. 00 Sec.

Company: KEY OIL COMPANY
22 GARTON PLAZA
WESTON, WV 26452-0000

Agent: JAN E. CHAPMAN

Inspector: LARRY PARRISH
Permit Issued: 12/08/00
Well Work Commenced: 02/01/01
Well Work Completed: 02/06/01
Verbal Plugging
Permission granted on: _____
Rotary X Cable _____ Rig
Total Depth (feet) 5058'
Fresh water depths (ft) 18, 120'
Salt water depths (ft) NONE

Casing & Tubing Size	Used in Drilling	Left In Well	Cement Fill Up Cu. Ft.
8 5/8"	842'	842'	185 sks To Surface
4 1/2"	4975'	4975'	475 sks
2 3/8"		4830'	

Is coal being mined in area (Y / N)? N
Coal Depths (ft): NONE

OPEN FLOW DATA Warren 3096' - 3155'
Balltown 3528' - 4147'
Riley 4181' - 4256'
Benson 4576' - 4584'
Producing formation Alexander Pay zone depth (ft) 4813' - 4882'
Gas: Initial open flow No Show MCF / d Oil: Initial open flow 0 Bbl / d
Final open flow 1,532 MCF / d Oil: Final open flow show Bbl / d
Time of open flow between initial and final tests N/A Hours
Static rock pressure 1750 psig (surface pressure) after 96 Hours

Second producing formation Commingled Pay zone depth (ft) _____
Gas: Initial open flow _____ MCF / d Oil: Initial open flow _____ Bbl / d
Final open flow _____ MCF / d Oil: Final open flow _____ Bbl / d
Time of open flow between initial and final tests _____ Hours
Static rock pressure _____ psig (surface pressure) after _____ Hours

NOTE: ON BACK OF THIS FORM PUT THE FOLLOWING: 1). DETAILS OF PERFORATED INTERVALS, FRACTURING OR STIMULATING, PHYSICAL CHANGE, ETC. 2). THE WELL LOG WHICH IS A SYSTEMATIC DETAILED GEOLOGICAL RECORD OF ALL FORMATIONS, INCLUDING COAL ENCOUNTERED BY THE WELLBORE.

For: KEY OIL COMPANY

By: [Signature]
Date: May 18, 2001

PRESIDENT

MAY 25 2001

RIT 8710

Delton Cox #1 (47-085 -8710)
Three Stage Foam Frac – B.J. Services

1 st Stage:	Alexander (8 holes) (4850.25' to 4871.75') Benson (5 holes) (4579.50' to 4580.50')	60 Quality Foam. 500 gal. 15% HCL. 60,000# 20/40 sand, 565,000 SCF N2, 819 bbls foam.
2 nd Stage:	Riley (10 holes) (4224' to 4238.75') Balltown (4 holes) (4141.50' to 4142.25')	60 Quality Foam. 750 gal 15% HCL. 5,000# 80/100 sand, 45,000# 20/40 sand, 517,000 SCF N2, 754 bbls foam.
3 rd Stage:	Balltown (6 holes) (3545.25' to 3644.75') Warren (8 holes) (3113.50' to 3134.50')	60 Quality Foam. 750 gal 15% HCL. 5,000# 80/100 sand, 45,000# 20/40 sand, 517,000 SCF N2, 684 bbls foam.

WELL LOG

KB-GL	0	10	
Fill	10	15	
Sand & Shale	15	78	2" water @ 18'
Sand & Shale & Red Rock	78	234	1 ½" water @ 120'
Shale & Sand	234	517	
Sand & Shale & Red Rock	517	901	
Sand & Shale	901	1483	
Sand	1483	1613	
Shale	1613	1666	
Sand	1666	1682	
Shale	1682	1709	
Big Lime	1709	1732	
Big Injun	1732	1802	
Sand & Shale	1802	2021	
Weir	2021	2136	
Shale	2136	2170	
Berea	2170	2174	
Sand & Shale	2174	2542	
Gordon	2542	2572	
Sand & Shale	2572	3096	Gas Checks
Warren	3096	3155	2019' - No Show
Siltstone & Shale	3155	3528	3211' – No Show
Balltown	3528	4147	4217' – No Show
Shale	4147	4181	4631' – No Show
Riley	4181	4256	4809' – No Show
Shale	4256	4576	TD - No show
Benson	4576	4584	
Shale	4584	4813	
Alexander	4813	4882	
Sand & Shale	4882	5058	
T.D.	5058		