

Well Original Drilled by Sh-u Oil Co
Leapture Creek Unit 44-10

- Scout Report sent out
- Noted in the NID File
- Location map pinned
- Approval or Disapproval Letter
- Date Completed, P. & A, or operations suspended.
- Pin changed on location map
- Affidavit and Record of A & P
- Water Shut-Off Test
- Gas-Oil Ratio Test
- Well Log Filed

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-

P&A 2-13-59

9-27-74 Notice of Intent To Re-enter Approved,
For Steam Dow & Keith Merber, well
renamed Dow & Merber 1-20. *Sh-u*

Jack Feight,

9/24/74

Since this is a re-entry I have assumed
the survey plat on file will be sufficient.

If not, please advise

Arnold Snell

AS - Make sure we
Have Copy



MINERALS
MANAGEMENT INC.



**MINERALS
MANAGEMENT INC.**

J. ARNOLD SNELL
Area Manager

501 Airport Drive
Suite 210
Farmington, New Mexico 87401

Bus. Phone (505) 327-4441
Res. Phone (505) 325-9157

FILE NOTATIONS

NID File
 Sheet
 Map Pinned
 Address
 IWR for State or Fee Land

Checked by Chief
 Copy NID to Field Office
 Approval Letter
 Disapproval Letter

COMPLETION DATA:

Date Well Completed 2-13-59
 TW _____ WW _____ TA _____
 GV _____ OS _____ PA X

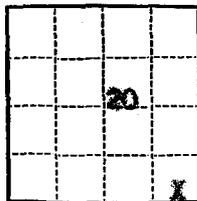
Location Inspected _____
 Bond released _____
 State of Fee Land _____

LOGS FILED

Driller's Log 4-22-59
 Electric Log (No. 1)

E EI GR GR-N Micro
 Log Mk-L Sonic Others

Formation ⁽²⁾
 Tester ⁽²⁾



(SUBMIT IN TRIPLICATE)

UNITED STATES
DEPARTMENT OF THE INTERIOR
GEOLOGICAL SURVEY

Land Office Salt Lake City, Utah

Lease No. 11-0 1890

Unit Recapture

SUNDRY NOTICES AND REPORTS ON WELLS

NOTICE OF INTENTION TO DRILL	<input checked="" type="checkbox"/>	SUBSEQUENT REPORT OF WATER SHUT-OFF	
NOTICE OF INTENTION TO CHANGE PLANS		SUBSEQUENT REPORT OF SHOOTING OR ACIDIZING	
NOTICE OF INTENTION TO TEST WATER SHUT-OFF		SUBSEQUENT REPORT OF ALTERING CASING	
NOTICE OF INTENTION TO RE-DRILL OR REPAIR WELL		SUBSEQUENT REPORT OF RE-DRILLING OR REPAIR	
NOTICE OF INTENTION TO SHOOT OR ACIDIZE		SUBSEQUENT REPORT OF ABANDONMENT	
NOTICE OF INTENTION TO PULL OR ALTER CASING		SUPPLEMENTARY WELL HISTORY	
NOTICE OF INTENTION TO ABANDON WELL			

(INDICATE ABOVE BY CHECK MARK NATURE OF REPORT, NOTICE, OR OTHER DATA)

December 11, 1953

Recapture Creek
Well No. 11-20 is located 810 ft. from S line and 760 ft. from E line of sec. 20

SE SE 20
(¼ Sec. and Sec. No.)

10S
(Twp.)

23E
(Range)

SLBY
(Meridian)

Recapture Creek
(Field)

San Juan
(County or Subdivision)

Utah
(State or Territory)

The elevation of the ~~land surface~~ land surface is 4,128 ft. (approx. ground)

DETAILS OF WORK

(State names of and expected depths to objective sands; show sizes, weights, and lengths of proposed casings; indicate mudding jobs, cementing points, and all other important proposed work)

1. Drill 12-1/4" hole to 1000'±.
2. Cement 8-5/8" 2lb, J-55 casing at 1000'± with 400 sacks cement (circulated).
3. Drill 7-7/8" hole to 5500' (object Paradox and Lower Hermosa).
4. Cement 5-1/2", 1lb, J-55 casing at 5000'± with 250 sacks cement.
5. Perforate four 1/2" holes/ft. 5300-5350 (Bluff Zone).
6. Acidize with 500 gal mud acid and 2000 gal regular acid + 3000 gal retarded acid.
7. Place well on production, establish initial rate.

I understand that this plan of work must receive approval in writing by the Geological Survey before operations may be commenced.

Company Shell Oil Company

Address 705 Municipal Drive
Farmington, New Mexico

Original signed by
B. W. SHEPARD
By B. W. Shepard
Title Exploitation Engineer

COMPANY SHELL OIL COMPANY

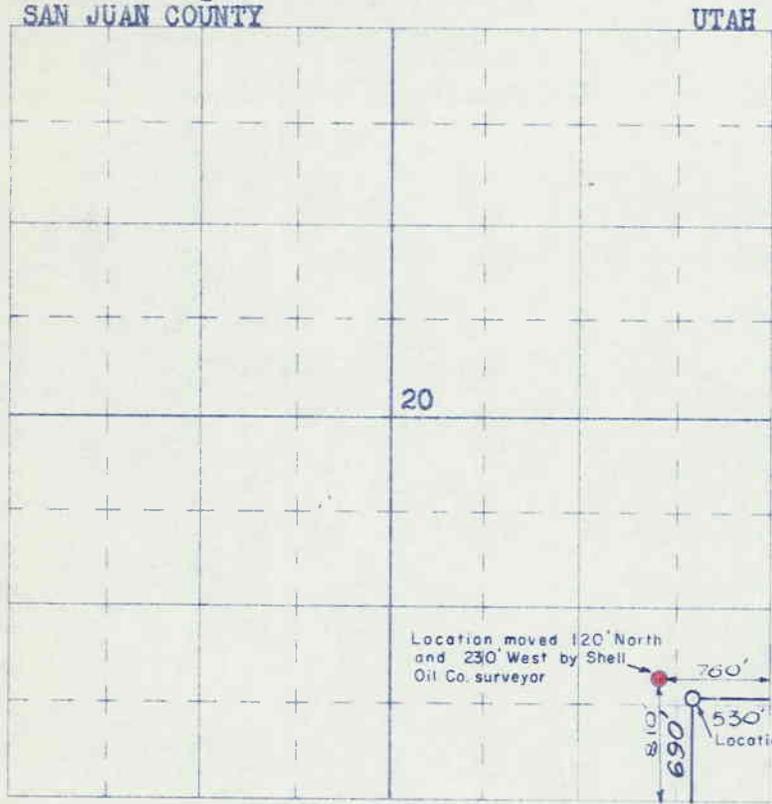
Well Name & No. RECAPTURE CREEK 44-20 Lease No. _____

Location 810' FROM THE SOUTH LINE AND 760' FROM THE EAST LINE

Being in NE SE SE

Sec. 20, T40S., R23 E, S.L.M.

Ground Elevation 4427.8 Ungraded Ground



T.B.M. 210' S 82 3/4° E
of Location. "X" on
Sand Stone Outcrop -
Elev. 4406.47.

Scale -- 4 inches equals 1 mile

Surveyed 22 November, 19 58

This is to certify that the above plat was prepared from field notes of actual surveys made by me or under my supervision and that the same are true and correct to the best of my knowledge and belief.

James P. Lease

Registered Professional
Engineer and Land Surveyor.

James P. Lease
Utah Reg. No. 1472

Seal:



December 12, 1958

Shell Oil Company
705 Municipal Drive
Farmington, New Mexico

Attention: B. W. Sheppard, Exploitation Engineer

Gentlemen:

This is to acknowledge receipt of your notice of intention to drill Well No. Recapture Creek Unit 44-20, which is to be located 810 feet from the south line and 760 feet from the east line of Section 20, Township 40 South, Range 23 East, SLM, San Juan County, Utah.

Please be advised that insofar as this office is concerned, approval to drill said well is hereby granted.

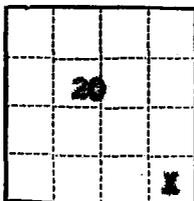
Yours very truly,

OIL & GAS CONSERVATION COMMISSION

CLEON B. FEIGHT
SECRETARY

CBF:co

cc: Phil McGrath
USGS, Farmington,
New Mexico



(SUBMIT IN TRIPLICATE)

UNITED STATES
DEPARTMENT OF THE INTERIOR
GEOLOGICAL SURVEY

Land Office Salt Lake City, Utah
Lease No. U O 1890
Unit Recepture

71-18
1-12

SUNDRY NOTICES AND REPORTS ON WELLS

NOTICE OF INTENTION TO DRILL	SUBSEQUENT REPORT OF WATER SHUT-OFF	
NOTICE OF INTENTION TO CHANGE PLANS	SUBSEQUENT REPORT OF SHOOTING OR ACIDIZING	
NOTICE OF INTENTION TO TEST WATER SHUT-OFF	SUBSEQUENT REPORT OF ALTERING CASING	
NOTICE OF INTENTION TO RE-DRILL OR REPAIR WELL	SUBSEQUENT REPORT OF RE-DRILLING OR REPAIR	
NOTICE OF INTENTION TO SHOOT OR ACIDIZE	SUBSEQUENT REPORT OF ABANDONMENT	
NOTICE OF INTENTION TO PULL OR ALTER CASING	SUPPLEMENTARY WELL HISTORY	X
NOTICE OF INTENTION TO ABANDON WELL		

(INDICATE ABOVE BY CHECK MARK NATURE OF REPORT, NOTICE, OR OTHER DATA)

January 5, 1959

Well No. Recepture Creek 44-20 is located 810 ft. from SW line and 760 ft. from EW line of sec. 20

SE SE 20 40S 21E S12W
(1/4 Sec. and Sec. No.) (Twp.) (Range) (Meridian)
Recepture Creek San Juan Utah
(Field) (County or Subdivision) (State or Territory)

The elevation of the Kelly Dishing monometer above sea level is 4439 ft.

DETAILS OF WORK

(State names of and expected depths to objective sands; show sizes, weights, and lengths of proposed casings; indicate mudding jobs, cementing points, and all other important proposed work)

Spudded 12-21-58

12-21-58 Cemented 13-3/8" conductor pipe at 85' with 75 sacks; drilled to 929',
Ran and cemented (916') 8-5/8", 28#, J-55 casing at 926' with 250 sacks
cement treated with 2% calcium chloride. Good returns to surface.
Flanged up and waited on cement. Pressure tested casing and BOP with
700 psi, OK.

I understand that this plan of work must receive approval in writing by the Geological Survey before operations may be commenced.

Company Shell Oil Company

Address 705 W. Municipal Drive

Farmington, New Mexico

Original signed by
By B. W. SHEPARD
B. W. Shepard
Title Exploitation Engineer

SHELL OIL COMPANY

WEEK ENDING _____

CORE FROM 5326 TO 5349CORES EXAMINED BY D. C. Conner

CORE RECORD

AREA OR FIELD RecaptureCOMPANY ShellLEASE AND WELL NO. 44-20

NO.	FROM	TO	RECOV- ERED	FORMATIONAL, STRUCTURAL AND PROBABLE PRODUCTIVITY DESCRIPTION OF CORE	SYMBOL	OBSERVED DIP	CORE INDICATION OIL-GAS
							CORE OR DIT
1	5326	76	48.8				
	5326	29	3	<u>Dolomite</u> , dark grey, II, silty, pyritic, limy, micaceous.			
	29	34	5	<u>Limestone</u> , light grey, extremely sandy, pyritic, micaceous.			
	34	41	7	<u>Limestone</u> , II/IA, medium brown grey, dolomitic, bioclastic pyritic.			
	41	42	1	<u>Limestone</u> , light brown, I/II A, dolomitic, bioclastic, abundant fusulinids, few crinoids.			
	42	44	2	<u>Limestone</u> , tan, IVF-LA-C ₂ , slightly sandy, brecciated, abundant tubular forams, common fusulinids, few brachiopods, very abundant pore-fillings and replacement anhydrite. <u>40% patchy fluorescence.</u>			
	44	45	1	<u>Limestone</u> , tan, as above, C ₅ , more brecciated, few algal plates, abundant fusulinids and tubular forams, very abundant pore-filling anhydrite and dolomite. <u>Dead oil stain. 40% spotty fluorescence.</u>			
	45	46	1	<u>Limestone</u> , as above, abundant pore-filling anhydrite. <u>30% Spotty fluorescence.</u>			
	46	47	1	<u>Limestone</u> , light brown, IVF-LA, C ₁ , sandy, very abundant fusulinids, pyritic, abundant pore-filling dolomite.			
	47	49	2	<u>Limestone</u> , light brown, IVF-LA, slightly sandy, pyritic, abundant brachiopods.			

SYMBOLS: C-CLAY OR SHALE (SAND 0-5%). 1-CLAY OR SHALE WITH SAND STREAKS (SAND 5-25%). 2-CLAY OR SHALE AND SAND (SAND 25-60%). 3-SAND WITH SHALE STREAKS (SAND 60-90%). S-SAND (90-100%).
NOTE: SHOW FLUID CONTENT AS IN STANDARD LEGEND.

SHELL OIL COMPANY

WEEK ENDING _____

AREA OR FIELD RecaptureCORE FROM 5349 TO 74.8

CORE RECORD

COMPANY ShellCORES EXAMINED BY D. C. ConnerLEASE AND WELL NO. 44-20

NO.	FROM	TO	RECOVERED	FORMATIONAL, STRUCTURAL AND PROBABLE PRODUCTIVITY DESCRIPTION OF CORE	SYMBOL	OBSERVED DIP	CORE INDICATION
							OIL-GAS
							CORE OR DIT
<u>1</u>			<u>Cont'd</u>				
	49	57	8	<u>Limestone</u> , tan, II/III A-C ₁ , bioclastic (brachiopod, -bryozoan-crinoid assemblage).			
	57	58	1	<u>Dolomite</u> , cream, IIA-B ₅ , bioclastic, abundant replacement anhydrite, scattered spotty black dead oil stain, <u>100% Uniform Fluorescence</u> .			
	58	60	2	<u>Limestone</u> , light grey, II/I BC ₂ , with abundant replacement anhydrite and minor pore filling dolomite and anhydrite.			
	60	61	1	<u>Dolomite</u> , tan, II/III VF-LA, BC ₅ , anhydritic, brecciated, algal plates, abundant brachiopods. (pore-filling anhydrite) <u>10-20% spotty fluorescence</u>			
	61	63	2	<u>Limestone</u> , tan, I VFA-C ₁ , slightly algal-platy, abundant brachiopods, slightly sandy, slightly pyritic.			
	63	66	3	<u>Limestone</u> , medium grey, crinoidal, IVFA, becoming darker downwards and more dolomitic.			
	66	67	1	<u>Dolomite</u> , dark brown, silty, limy, pyritic.			
	67	74.8	7.8'	<u>Shale</u> , black, poker chip (P-50) dolomitic, pyritic.			

DITCH SAMPLES

Examined by D.C. Conner to _____
 _____ 5100 to 55 _____

Well _____ Recapture Creek 44-20
 Field or Area _____ Recapture Creek
 Not _____

FROM	TO	%	SHOWS UNDERLINED	SAMPLES / LAGGED
5100	05	50	<u>Limestone</u> , cream to medium brown, sandy, I, micaceous, brachiopod fragments.	
		50	<u>Shale</u> , light to medium grey, silty, carbon.	
05	10	50	<u>Limestone</u> , as above.	
		50	<u>Shale</u> , as above.	
10	15	30	<u>Limestone</u> , medium brown, I, (crinoids), minor pyrite, brachiopods, ostracod.	
		70	<u>Shale</u> , light to medium grey, silty, micaceous, carbon.	
15	20	40	<u>Sandstone</u> , tan, very fine, very limy.	
		60	<u>Limestone</u> , cream to tan, bioclastic, mostly IVFA, slightly cherty, sandy in part, slightly sparry (fossiliferous fragments); few crinoids.	
		Tr	<u>Shale</u> , dark grey to black, silty, pyritic (very minor.)	
20	25	80	<u>Limestone</u> , tan, as above.	
		20	<u>Shale</u> , medium grey as above, some dark grey brown.	
25	30	70	<u>Limestone</u> , cream to pale tan, sandy streaks, slightly bioclastic (brachiopod-bryozoan)	
		20	<u>Chert</u> , tan, translucent, spicular.	
		10	<u>Shale</u> , medium grey and dark grey brown as above.	
30	35	40	<u>Limestone</u> , tan to medium brown, I/III, pelletoid, very sandy in part.	
		20	<u>Chert</u> , as above.	
		40	<u>Shale</u> , medium grey to brown grey, as above, fissile.	
35	40	80	<u>Limestone</u> , tan to medium brown, as above, cherty, more bioclastic, crinoid, brachiopod.	
		10	<u>Chert</u> , as above.	
		10	<u>Shale</u> , as above.	
40	45	100	<u>Limestone</u> , tan, very sandy, very cherty in part.	
		?	(Chert, same color as Limestone)	
45	50	90	<u>Limestone</u> , as above, tan, sandy, bioclastic, cherty.	
		10	<u>Shale</u> , medium grey.	
5150	55	90	<u>Limestone</u> , as above plus some medium brown, IIIIVF-M, fragmental,	

DITCH SAMPLES

Examined by D. C. Conner to 5190 to 5255

Well Recapture 44-20
Field or Area Recapture Creek
Not

FROM	TO	%	SHOWS UNDERLINED	SAMPLES/LAGGED
			slightly pyritic, carbonaceous.	
		10	<u>Shale</u> , as above.	
5159	90	--	Depth Correction(Strapped out 30' lower than geolograph)	
5190	5205	100	<u>Limestone</u> , as above, tan, becoming dark brown, more pyritic in 5200-05 (more medium to dark grey shale).	
		--		
05	10	80	<u>Shale</u> , medium grey, carbon, silty.	
		20	<u>Limestone</u> , tan, slightly sandy, pyritic.(Poor sample)	
10	15	70	<u>Shale</u> , as above, <u>minor shale, dark brown, silty, pyritic.</u>	
		30	<u>Limestone</u> , as above, medium brown, silty in part.	
15	20	60	<u>Shale</u> , as above, medium grey plus <u>minor dark brown as above.</u>	
		40	<u>Limestone</u> , tan, I, sandy, pelletoid in part.	
20	24	--	Skip.	
5224	--	--	Circulation samples:	
"	30M		60 <u>Limestone</u> , white to cream to tan, with abundant isolated very fine to fine sand grains, definitely pelletoid in part.	
			40 <u>Shale</u> , as above, mostly medium grey, very few dark brown chips.	
	60M	Circ	Mostly <u>shale</u> , medium grey, with some white limestone, scattered fine quartz grains, pelletoid in part.(cave)	
	90M			
5230	45M	Circ	50 <u>Sandstone</u> , light grey, very limy, minor <u>Limestone</u> , cream, tubular foram.	
			50 <u>Shale</u> , medium grey. (Minor shale, black, silty, pyritic (P-60?))	
30	35	100	<u>Limestone</u> , white, IVF-FA, pelletoid, sparry in part, slightly sandy.	
35	40	100	<u>Limestone</u> , cream to white as above, to tan IVFA, pseudo-oolitic, bioclastic.	
40	45	100	<u>Limestone</u> , tan, IVF-MA, slightly cherty, brachiopod, slightly sandy in part.	
45	50	100	<u>Limestone</u> , tan, IVFA, common fusulinids, few tubular forams, slightly pyritic in part, slightly sandy.	
50	55		Skip.	

DITCH SAMPLES

Examined by D.G. Conner to 5255 to 5310

Well Recapture 44-20
Field or Area Recapture Creek
Not

FROM	TO	%	SHOWS UNDERLINED	SAMPLES/LAGGED
5255	60	100	<u>Limestone</u> , cream to tan, pelletoid in part, sandy.	
60	65	80	<u>Limestone</u> , tan, IVFA, slightly sandy; slightly pyritic.	
		20	<u>Chert</u> , light grey, spicular.	
65	70	85	<u>Limestone</u> , cream to tan to medium brown, silty, pyritic in part, rare crinoid, rare to common fusulinid.	
		15	<u>Chert</u> , tan transparent to brown opaque, speckled.	
70	75	90	<u>Limestone</u> , tan to dark brown, silty and pyritic in part.	
		10	<u>Chert</u> , tan to brown.	
75	80	80	<u>Limestone</u> , white, tan, medium brown, bioclastic (brachiopods), slightly cherty.	
		20	<u>Shale</u> , medium grey, silty. Trace white shale.	
80	85	90	<u>Limestone</u> , dark brown, mottled white, I/III VF-FA, slightly silty, carbonaceous, sparry, pelletoid in part, bioclastic.	
(Trip @ 5290)		10	<u>Shale</u> , dark brown, very silty, dolomitic, sapropelic, pyritic.	
5285	90	50	<u>Limestone</u> , as above, white, tan, medium brown (cave - Trip sample)	
		50	<u>Shale</u> , variegated.	
90	95	90	<u>Limestone</u> , medium to dark brown, shaly, silty, carbon, <u>common fusulinid</u> .	
		10	<u>Shale</u> , dark brown, very silty, calcareous.	
95	5300	--	Skip.	
5300	05	85	<u>Limestone</u> , medium to dark brown, very silty, sapropelic, bioclastic.	
		15	<u>Chert</u> , dark brown, translucent.	
		Tr	<u>Shale</u> , dark brown, as above.	
05	10	80	<u>Limestone</u> , as above, dark brown, silty.	
		10	<u>Chert</u> , as above.	
		10	<u>Shale</u> , dark brown, silty, pyritic.	

DITCH SAMPLES

Examined by D.C. Conner to 5310 to 25

Well Recapture 44-20
Field or Area Recapture Creek

FROM	TO	%	SHOWS UNDERLINED	SAMPLES / LAGGED
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5310	15	90	<u>Limestone</u> , very dark brown, silty, pyritic.	
		10	<u>Chert</u> , dark brown, opaque.	
15	20	70	<u>Limestone</u> , as above, siliceous in part.	
		15	<u>Chert</u> , as above.	
		15	<u>Shale</u> , dark brown, very silty, pyritic, sapropel.	
20	25		Not examined.	

5326 Twisted off at calculated coring point. Went back in with Core Barrel.

DITCH SAMPLES

Examined by Shepard 5376 to 5595
 _____ to _____

Well Recapture Creek 44-20
 Field or Area Recapture Creek
 Not

FROM	TO	%	SHOWS UNDERLINED	SAMPLES / LAGGED
5376	5420		<u>Shale</u> , black.	
5420	35		<u>Limestone</u> , medium gray, IIIFA.	
5435	40		<u>Anhydrite</u> , white, firm.	
5440	70		<u>Limestone</u> , tan to gray, I-III VF-FA.	
5470	75		<u>Limestone</u> , cream, IIIFA.	
5475	80		<u>Limestone</u> , white to gray, I-III VF-FA.	
5480	85		<u>Limestone</u> , as above, <u>1% spotty whitish fluorescence, very pale cut fluorescence with chlorothene.</u>	
5485	90		<u>Limestone</u> , cream to light gray, I-III VF-FA, <u>1% fluorescence plus cut fluorescence as above.</u>	
5490	05		<u>Limestone</u> , as above, <u>3% fluorescence and cut fluorescence as above.</u>	
5505	10		<u>Dolomite</u> , light brown, IIIFA, <u>3% fluorescence and cut fluorescence as above.</u>	
5510	15		<u>Limestone</u> , light to dark brown, I-III VF-FA, <u>trace fluorescence and cut fluorescence as above.</u>	
5515	30		<u>Shale</u> , black.	
5530	45		Skip	
5545	60		<u>Limestone</u> , medium brown, IvFA, silty in part, stylolite, trace of black shale in lower 5', ostracods, replacement, anhydrites.	
5560	65	10	<u>Shale</u> , dark.	
		90	<u>Limestone</u> , as above, trace anhydrites, pelletoid in part.	
5565	70	15	<u>Shale</u> , black.	
		35	<u>Dolomite</u> , IIIvF slightly silty.	
		50	<u>Anhydrite</u> .	
5570	75	40	<u>Dolomite</u> , as above.	
		25	<u>Limestone</u> , as above.	
		35	<u>Anhydrite</u> , as above.	
5575	80	80	<u>Dolomite</u> , as above.	
		20	<u>Anhydrite</u> , as above.	
5580	90	25	<u>Shale</u> , black.	
		75	<u>Anhydrite</u> .	
5590	95	10	<u>Shale</u> , black.	
		90	<u>Anhydrite</u> .	

DITCH SAMPLES

Examined by _____ 5710 to 5780
 _____ to _____

Well Recapture Creek 44-20
 Field or Area Recapture Creek
 Not

FROM TO % SHOWS UNDERLINED SAMPLES/LAGGED

5710	15	20	<u>Shale</u> , light gray, carbonaceous.
		80	<u>Anhydrite</u> .
5715	20	20	<u>Siltstone</u> , light gray.
		80	<u>Anhydrite</u> .
5720	25	30	<u>Dolomite</u> , as above.
		70	<u>Anhydrite</u> .
5725	30	15	<u>Dolomite</u> , as above.
		85	<u>Anhydrite</u> , dolomitic.
5730	35	72	<u>Dolomite</u> , tan, silty, anhydrite, pyritic,
		28	<u>Anhydrite</u> (pyrite).
5735	40	10	<u>Shale</u> , black.
		20	<u>Limestone</u> , tan IvFA.
		60	<u>Dolomite</u> , as above.
		10	<u>Anhydrite</u> .
5740	45	15	<u>Shale</u> , dark gray.
		65	<u>Dolomite</u> , as above, very anhydritic.
		20	<u>Anhydrite</u> .
5745	50	4	<u>Shale</u> , black.
		77	<u>Dolomite</u> , as above, very anhydritic.
		19	<u>Anhydrite</u> .
5750	55	19	<u>Limestone</u> , brown.
		55	<u>Dolomite</u> , tan IIIvFA, anhydrite.
		26	<u>Anhydrite</u> (limestone is shaly, pyritic)
5755	60	4	<u>Shale</u> , black.
		78	<u>Dolomite</u> , as above silty in part.
		18	<u>Anhydrite</u> .
5760	65	26	<u>Limestone</u> , tan IIIvF-FA
		57	<u>Dolomite</u> , as above.
		17	<u>Anhydrite</u> .
5765	70	30	<u>Siltstone</u> , tan, dolomitic.
		53	<u>Dolomite</u> , silty anhydrite.
		17	<u>Anhydrite</u> .
5770	75	40	<u>Limestone</u> , medium brown, II-IvFA.
		35	<u>Dolomite</u> , brown, IIIvFA.
		25	<u>Anhydrite</u> , (limestone anhydritic)
5775	80	20	<u>Shale</u> , silty.
		45	<u>Dolomite</u> , as above, silty, anhydrite.
		25	<u>Anhydrite</u> .

DITCH SAMPLES

Examined by _____ 5855 to 6125
 _____ to _____

Well Recapture Creek 14-20
 Field or Area Recapture Creek
 Not

FROM	TO	%	SHOWS UNDERLINED	SAMPLES//LAGGED
5855	60	6	<u>Porosity.</u>	
		85	<u>Dolomite BC₃.</u>	
		9	<u>Anhydrite, ostracod in part.</u>	
5860	65	18	<u>Siltstone.</u>	
		55	<u>Dolomite Bc.</u>	
		27	<u>Anhydrite.</u>	
5865	70	50	<u>Dolomite IIIvF medium dark brown.</u>	
		50	<u>Anhydrite, dolomite.</u>	
5870	75	25	<u>Dolomite, as above.</u>	
		75	<u>Anhydrite, as above, pyrite.</u>	
5875	80	30	<u>Dolomite, slightly anhydritic, dark brown.</u>	
		70	<u>Anhydrite, as above, laminated.</u>	
5880	85	25	<u>Dolomite, as above.</u>	
		75	<u>Anhydrite, as above.</u>	
5885	90	8	<u>Shale, black.</u>	
		37	<u>Dolomite, as above.</u>	
		55	<u>Anhydrite, as above.</u>	
5890	5900	100	<u>Shale, black, blocky soapy, slightly dolomitic.</u>	
5900	05	100	<u>Shale, as above.</u>	
5905	15	10	<u>Dolomite.</u>	
		80	<u>Shale.</u>	
		10	<u>Anhydrite, much cave (salt?)</u>	
5915	20	85	<u>Shale, as above.</u>	
		15	<u>Anhydrite.</u>	
5920	25	17	<u>Dolomite, as above.</u>	
		73	<u>Shale, as above.</u>	
		10	<u>Anhydrite.</u>	
5925	6000	100	<u>Shale, as above (cave) dolomite, siltstone, anhydrite, red-beds from above.</u>	
6000	6115		<u>All samples contain 100% black shale. Infer entire section is salt. Weak cut fluorescence throughout.</u>	
6115	20	85	<u>Shale, black.</u>	
		15	<u>Anhydrite, dolomite, siltstone, sandy. Faint cut fluorescence.</u>	
6120	25		<u>As above.</u>	

DITCH SAMPLES

Examined by 6125 to 6245
to _____

Well Recapture Creek 44-20
Field or Area Recapture Creek
Net _____

FROM	TO	%	SHOWS UNDERLINED	SAMPLES/LAGGED
6125	30	65	<u>Shale</u> , black (cave?).	
		35	<u>Anhydrite</u> (probably in place) <u>weak cut fluorescence</u> .	
6130	35	20	<u>Dolomite IIIvF</u> <u>weak cut fluorescence</u> .	
		55	<u>Shale</u> , black.	
		25	<u>Anhydrite</u> , trace shale, medium brown dolomite.	
6135	40	10	<u>Dolomite</u> , as above.	
		60	<u>Shale</u> , black.	
		30	<u>Anhydrite</u> , <u>weak cut fluorescence</u> .	
6140	55	75	<u>Shale</u> , black, as above.	
		25	<u>Anhydrite</u> , <u>weak cut fluorescence</u> .	
6155	60	10	<u>Shale</u> , brown.	
		80	<u>Shale</u> , black, as above.	
		10	<u>Anhydrite</u> , <u>weak cut fluorescence</u> .	
6160	80		Samples almost 100% black shale and anhydrite cave. True lithographic masked. <u>Weak cut fluorescence throughout</u> .	
6180	90	70	<u>Shale</u> , black.	
		30	<u>Anhydrite</u> , <u>weak cut fluorescence</u> .	
6190	95	55	<u>Shale</u> , black.	
		45	<u>Anhydrite</u> , <u>weak cut fluorescence</u> .	
6195	6205		<u>Limestone</u> , tan, I-IIvFA, <u>weak cut fluorescence</u> .	
6205	10	15	<u>Dolomite</u> , silty.	
		30	<u>Shale</u> , black.	
		55	<u>Limestone</u> , as above.	
6210	15	10	<u>Chert</u> .	
		40	<u>Shale</u> , black.	
		50	<u>Limestone</u> , as above, <u>dull fluorescence</u> .	
6215	20	20	<u>Dolomite</u> , fragment, gray.	
		80	<u>Limestone</u> , as above, fragment, tan IVF-FA, pseudo-oolites, oolites, and "reefy" rock.	
6220	25		<u>Limestone</u> , as above, cream to tan, <u>dull fluorescence</u> .	
6225	35	20	<u>Dolomite</u> , IIIvF, brown.	
		80	<u>Limestone</u> , as above, tubular forams, minor lower 5' <u>weak cut fluorescence</u> .	
6235	40	25	<u>Shale</u> , black.	
		75	<u>Limestone</u> , as above.	
6240	45		NO SAMPLES.	

DITCH SAMPLES

Examined by 6245 to 6345
to _____

Well Recapture Creek 44-20
Field or Area Recapture Creek

FROM	TO	%	SHOWS UNDERLINED	SAMPLES / LAGGED
6245	50	25	<u>Shale</u> , black.	
		75	<u>Limestone</u> , tan to medium.	
6250	55	45	<u>Limestone</u> , cream to tan.	
		30	<u>Limestone</u> , dark brown.	
		25	<u>Shale</u> , black.	
6255	60	25	<u>Shale</u> , black.	
		35	<u>Sandstone</u> , white VF-F, hard, bright fluorescence in sandstone.	
		40	<u>Limestone</u> , tan to dark brown, bright fluorescence in sandstone.	
6260	65	100	<u>Sandstone</u> , limy, course, fair fluorescence, F-M, angular.	
6265	70	50	<u>Sandstone</u> , limy, as above.	
		50	<u>Limestone</u> , sandy, medium brown, <u>fair cut fluorescence</u> .	
6270	75	15	<u>Shale</u> , black.	
		40	<u>Sandstone</u> , limy, as above.	
		45	<u>Limestone</u> , sandy, as above, <u>fair cut fluorescence</u> .	
6275	85	40	<u>Sandstone</u> , limy, white, VF-F, <u>occasional bright spotty fluorescence</u> , hard.	
		45	<u>Limestone</u> , sandy, tan to dark brown.	
		15	<u>Shale</u> , black.	
6285	90	90	<u>Shale</u> , limy, as above, <u>rare spotty fluorescence</u> .	
		10	<u>Dolomite</u> , silty, light to dark brown.	
6290	95	50	<u>Sandstone</u> , limy, as above.	
		50	<u>Dolomite</u> , brown, IIIvF.	
6295	6300	50	<u>Sandstone</u> , limy, as above.	
		50	<u>Dolomite</u> , brown, IIIvF, abundant chert, <u>rare bright spotty fluorescence</u> , <u>good cut fluorescence</u> .	
6300	15	50	<u>Sandstone</u> , as above.	
		30	<u>Dolomite</u> , as above.	
		20	<u>Limestone</u> , white, IvF-FA.	
6315	20		Skip	
6320	25	40	<u>Lime</u> , cream to tan, IvFA, fragment in part.	
		60	<u>Dolomite</u> , light to dark gray and medium brown, silty in part. crinoid, ostracods, pyritic.	
6325	30		As above, with abundant chert & pyrite.	
6330	35		As above, with ostracods in lime.	
6335	40	80	<u>Lime</u> , tan to dark brown, fragment in part, I-IIvF.	
		20	<u>Dolomite</u> , as above with <u>rare bright cut fluorescence</u> , ostracods, pyrite, chert fragments.	
6340	45	70	<u>Limestone</u> , as above.	
		30	<u>Dolomite</u> , as above, chert fragment, pyrite, ostracods.	

DITCH SAMPLES

Examined by 6450 to 6490
 _____ to _____

Well Recapture Creek 44-20
 Field or Area Recapture Creek
 Not

FROM	TO	%	SHOWS UNDERLINED	SAMPLES/LAGGED
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6450	55	50	<u>Shale</u> , as above.	
		50	<u>Limestone</u> , as above, trace anhydrite, psuedo oolitic.	
6455	65	70	<u>Limestone</u> , white to cream, IvFA, occasional fragments.	
		30	<u>Shale</u> , as above, psuedo oolitic, fossiliferous in general.	
6465	70		NO SAMPLES	
6470	75	80	<u>Limestone</u> , white to tan to medium brown, fossiliferous, fragments in part, I-IIvFA.	
		20	<u>Shale</u> , as above, small forams, ostrapods, small chert partings & some fragments.	
6475	80	90	<u>Limestone</u> , as above.	
		10	<u>Shale</u> , as above, small parting of chert, ostrapods, fossiliferous in general, fusulinids.	
6480	85	70	<u>Limestone</u> , as above.	
		30	<u>Shale</u> , as above, fossils, as above, except no fusulinids.	
6485	90	90	<u>Limestone</u> , as above.	
		10	<u>Shale</u> , as above, much purple color, limy. Pseudo-oolitics, chert partings, fossils.	

DITCH SAMPLES

Examined by 6490 to 6555
 _____ to _____

Well Recapture Creek 44=20
 Field or Area Recapture Creek
 Not

FROM	TO	%	SHOWS UNDERLINED	SAMPLES/ LAGGED
6490	95	50	<u>Limestone</u> , as above.	
		50	<u>Shale</u> , as above, fossiliferous, chert partings.	
6495	6500	70	<u>Shale</u> , as above.	
		30	<u>Limestone</u> , as above, chert partings.	
6500	05	85	<u>Shale</u> , as above.	
		15	<u>Limestone</u> , as above, chert partings.	
6505	10	65	<u>Shale</u> , as above.	
		35	<u>Limestone</u> , as above, chert partings.	
6510	15	50	<u>Shale</u> , as above.	
		50	<u>Limestone</u> , as above, fragments in part, heavy chert partings, fossils. Psuedo-oolitic.	
6515	20	10	<u>Chert</u> , bedded.	
		45	<u>Shale</u> , as above.	
		45	<u>Limestone</u> , as above, fossils, crinoid fusulinids in chert. Psuedo-oolitic, sponge spicules.	
6520	25	75	<u>Shale</u> , as above.	
		25	<u>Limestone</u> , as above, strong chert partings, fusulinids, pseudo-oolitic, fossiliferous.	
6525	30	50	<u>Limestone</u> , as above.	
		50	<u>Shale</u> , as above, fusulinids, fossiliferous.	
6530	35		As above, psuedo-oolitic, fossiliferous, fair chert partings.	
6535	40	60	<u>Shale</u> , as above.	
		40	<u>Limestone</u> , as above, pyrite, psuedo-oolitic, fossiliferous, fair chert chert partings.	
6540	45	40	<u>Shale</u> , as above.	
		30	<u>Limestone</u> , purple gray, dolomitic in part, I-IIVF-A.	
		30	<u>Limestone</u> , white to tan to light brown, I-IIVF, contains sand grains, crinoid fossils, pyrite, fair chert partings.	
6545	50	30	<u>Shale</u> , as above.	
		30	<u>Limestone</u> , purple as above.	
		40	<u>Limestone</u> , white as above, fair chert partings, crinoid, stylolite, ostracod, pyrite.	
6550	55	40	<u>Limestone</u> , purple as above.	
		20	<u>Limestone</u> , white as above.	
		40	<u>Shale</u> , as above, pyrite, strong chert partings, fusulinids, fossiliferous.	

DITCH SAMPLES

Examined by 6555 to 6610
 _____ to _____

Well Recapture Creek 111-20
 Field or Area Recapture Creek

FROM	TO	%	SHOWS UNDERLINED	Not SAMPLES/LAGGED
6555	60	30	<u>Limestone</u> , purple as above.	
		35	<u>Limestone</u> , white as above.	
		35	<u>Shale</u> , as above, ostracod, fossiliferous, pyrite, fair chert partings.	
6560	65		As above, with limestone, sandy.	
6565	70		As above, ostracod, pyrite, fair chert partings.	
6570	75	50	<u>Shale</u> , gray to black, spicules in limestone.	
		15	<u>Shale</u> , purple as above.	
		15	<u>Limestone</u> , white, sandy, IVF.	
		20	<u>Limestone</u> , purple as above.	
6575	80		As above, caving??	
6580	85	50	<u>Shale</u> , gray to black.	
		30	<u>Limestone</u> , cream to tan, I-IIVF, sandy and fractured in part.	
		20	<u>Shale</u> , purple as above.	
6585	90		As above, ostracod, fossiliferous.	
6590	95	50	<u>Shale</u> , gray to black, as above.	
		40	<u>Shale</u> , purple as above.	
		10	<u>Limestone</u> , as above, pyrite, fossiliferous.	
6595	6600	20	<u>Limestone</u> , gray to tan, to light brown, I-IIVF, sandy in part.	
		60	<u>Shale</u> , black to gray, as above.	
		20	<u>Shale</u> , purple as above, fossiliferous, chert partings.	
6600	05	80	<u>Limestone</u> , IVFA.	
		20	<u>Shale</u> , black to purple to gray, as above, chert partings, stylolite, fusulinids.	
6605	10	25	<u>Shale</u> , black.	
		50	<u>Limestone</u> , white to tan, occasional purple, I-IIVFA.	
		25	<u>Shale</u> , purple, fossiliferous, ostracod, stylolite.	
6610	20		As above.	
6620	25	20	<u>Shale</u> , black.	
		80	<u>Limestone</u> , as above.	
6625	40	70	<u>Shale</u> , black.	
		15	<u>Limestone</u> , as above.	
		15	<u>Shale</u> , purple as above.	

DITCH SAMPLES

Examined by 6640 to 6735
_____ to _____Well Recapture Creek 44-20
Field or Area Recapture Creek
Not

FROM	TO	%	SHOWS UNDERLINED	SAMPLES / LAGGED
6640	45	10	<u>Anhydrite</u> .	
		40	<u>Shale</u> , black, also gray.	
		30	<u>Shale</u> , purple as above.	
		20	<u>Limestone</u> , white to tan and purple as above, chert partings.	
6645	50	50	<u>Shale</u> , purple to all colors.	
		35	<u>Shale</u> , black.	
		10	<u>Limestone</u> , as above.	
		5	<u>Anhydrite</u> , strong chert partings, pyrite.	
6650	55	50	<u>Shale</u> , all colors.	
		20	<u>Shale</u> , black.	
		30	<u>Limestone</u> , as above, strong chert partings.	
6655	60	45	<u>Shale</u> , all colors.	
		30	<u>Shale</u> , black.	
		15	<u>Limestone</u> , as above.	
		10	<u>Anhydrite</u> , strong chert partings.	
6660	65		As above.	
6665	70	90	<u>Limestone</u> , transparent to white, oolitic in part, unfossiliferous, rarely IIVFA.	
		10	<u>Shale</u> , all colors including black, chert weak partings, pyrite.	
6670	80		As above.	
6680	85		As above, oolitic.	
6685	90		<u>Limestone</u> , fragments in part, oolitic in part, I-IIIVFA, white to cream, much caving black shale, stylolite, oolitic.	
6690	6715		As above, oolitic, caving black shale.	
6715	20	80	<u>Shale</u> , red purple, banded in part.	
		20	<u>Limestone</u> , as above, oolitic.	
6720	25	70	<u>Limestone</u> , I-II-IIIIVFA, fragments, oolitic in part.	
		30	<u>Shale</u> , as above.	
6725	30	85	<u>Limestone</u> , as above, rare brown IIVF, contains dull fluorescence, good cut fluorescence with acid treatment.	
		15	<u>Shale</u> , as above.	
6730	35	100	<u>Limestone</u> , as above, predominantly II-IIIIVF.	

DITCH SAMPLES

Examined by 6735 to 6905
to

Well Recapture Creek 44-20
Field or Area Recapture Creek

Not

FROM	TO	%	SHOWS UNDERLINED	SAMPLES/LAGGED
6735	40		As above, oolitic, <u>rare dull fluorescence in IIVF, brown.</u>	
6740	50		As above, oolitic.	
6750	70		As above, omit oolitic.	
6770	75		As above, predominantly II-IIIIVF, rare oolitic.	
6775	80		As above.	
6780	6800	100	<u>Limestone</u> , white, IIVF.	
6800	20	100	<u>Limestone</u> , as above, poor samples, obscured by heavy shale caving.	
6820	45	100	<u>Limestone</u> , as above.	
6845	60	100	<u>Limestone</u> , as above, IIVFA.	
6860	65	100	<u>Limestone</u> , as above, sherty.	
6865	70	10 90	<u>Dolomite</u> , III-IFBC ₂ . <u>Limestone</u> , as above.	
6870	75	100	<u>Limestone</u> , white, chalky.	
6875	80	90 10	<u>Limestone</u> , as above. <u>Dolomite</u> , as above.	
6880	85		<u>Dolomite</u> , tan, I-IIIIVF-FA+B ₁ . (50% Dolomite, 50% Limestone)	
6885	90	100	<u>Dolomite</u> , tan, I-III-IIIIF-MA+CD ₃ . Some evidence of Micro-Fractures. One fracture face with coarse sparry calcite attached. Minor black dead oil stain. No shows.	
6890	95	100	<u>Dolomite</u> , tan, limy, I-IIIIVF-FA+CD ₁₋₂ , Mirco-Fractured minor black oil stain.	
6895	6900	100	<u>Dolomite</u> , as above, BC ₂ , minor pore-filling dolomite, common fractured, filling calcite. No shows.	
6900	05	100	<u>Dolomite</u> , as above, BC ₂ , medium brown in part, minor IVFA, tan. No shows.	

DITCH SAMPLES

Examined by 6905 to 7035
to

Well Recapture Creek 44-20
Field or Area Recapture Creek

Not

FROM	TO	%	SHOWS UNDERLINED	SAMPLES/ LAGGED
6905	10	100	<u>Dolomite</u> , as above, medium brown to dark, in part, B-C porosity minor shows.	
6910	15	100	<u>Dolomite</u> , as above, predom IIIFB-C, <u>dull fluorescence in 80% samples.</u>	
6915	20	100	<u>Dolomite</u> , as above, occasional D porosity, <u>dull fluorescence</u> , occasional dead oil streaks.	
6920	55	100	<u>Dolomite</u> , as above, <u>dull fluorescence through out.</u>	
6955	60	100	<u>Dolomite</u> , medium brown, II-IIIFA-B, cherty in part, occasional dead oil stain, Predominant in IIF, <u>scattered faint dull fluorescence.</u>	
6960	65	100	<u>Dolomite</u> , as above, IIIFA, medium dark brown, <u>very dull scattered fluorescence.</u>	
6965	70	100	<u>Dolomite</u> , as above, some B porosity, IIF, <u>very dull scattered porosity.</u>	
6970	75	60	<u>Dolomite</u> , as above, medium dark brown, IIIFA-B.	
		40	<u>Dolomite</u> , white to very light grey, IIIFB-C, rarely dolomite, occasional dead oil stain. No shows.	
6975	85	100	<u>Dolomite</u> , as above.	
6985	90	50	<u>Dolomite</u> , brown as above.	
		50	<u>Dolomite</u> , white as above.	
6990	95	50	<u>Dolomite</u> , brown, as above, IIIFA-B.	
		50	<u>Dolomite</u> , white, as above, IIIFB.	
6995	7000	25	<u>Dolomite</u> , brown, as above, chert partings.	
		75	<u>Dolomite</u> , white to grey, I-IIIIF-M, A-B, <u>good dull fluorescence through out.</u>	
7000	15	100	<u>Dolomite</u> , as above, occasional dead oil stain, <u>good dull fluorescence through out.</u>	
7015	20	75	<u>Dolomite</u> , brown, as above, IIIIF-M, A-B.	
		25	<u>Dolomite</u> , white to grey, as above, IIIIFM, B-C, <u>scattered dull fluorescence.</u>	
7020	25	75	<u>Dolomite</u> , brown, as above, IIIIF-MA.	
		25	<u>Dolomite</u> , white to grey, as above, IIIIF-MA, <u>common dull fluorescence.</u>	
7025	30	100	<u>Dolomite</u> , as above.	
7030	35	85 to 90	<u>Dolomite</u> , as above, scattered dull fluorescence,	
		10 to 15	<u>Limestone</u> , white, probably cavings.	

SHELL OIL COMPANY

DRILLING REPORT
for Period Ending

1-21-59

Test No.		Test Depth	Schlumberger Pressure Recorder			Amerada Pressure Recorder			REMARKS
Amerada Chart #	Schlum. Run #		SIP	HP	Depth	SIP	HP	Depth	
1	1	5508	2560	3075	5508	2468	2985	5517	
2	2	5498	2675	3020	5498	2688	2985	5507	
3	3	5485	-	3040	5485	-	2945	5494	Seal failed
4	4	5478	-	2890	5478	-	2861	5487	Seal failed
5	5	5367	2400	2910	5367	2265	2777	5376	
6		5485	-	-	5485	-	-	5494	Tool misfired
7	6	5437	915	2885	5437	563	2777	5446	
8	7	5485	775	2840	5485	558	2811	5494	

AMERADA PRESSURE RECORDER #5119 CALIBRATION CHECK

Pressure (Psi)	Deflection (in.)	
	Before Tests (1-7-59)	After Tests (1-22-59)
500	0.241	0.241
1000	0.481	0.481
1500	0.720	0.720
2000	0.960	0.960
2500	1.199	1.199
3000	1.438	1.438
3500	1.678	1.679

SHELL OIL COMPANY
D R I L L I N G R E P O R T
for Period Ending

1-22-59

The Halliburton tester used is the Selective Zone Tester, a straddle tester set in open hole by slips, with the packers spaced one foot apart. The wire line retrievable chamber is of variable capacity with the valves necessary to open the container to the test interval. The sample chamber contains two specially adapted pressure recorders.

Test No.	Interval	B.T. Gauge #96		RPG-3 (Amerada) Gauge				Sample Chamber Capacity (gal.)	Recovery	Remarks	
		Press (Psi)	Bomb Depth	Gauge No.	IHP (Psi)	FP (Psi)	FHP (Psi)				Bomb Depth
1	5507.5/ 8.5	0	5444	13	2927	16	2911	5496	5.58	1.3 gal. + mud	Chamber too large.
1A	"	2829* *See remarks	5479	13	2896	-	2823	5496	0.93	0.93 gal. mud	Bleeder valve left open-only H.P. records.
1B	"	2444	5479	18	2886	-	2788?	5496	0.43	0.43 gal. mud	Amerada clock stopped on bottom (0.5 gal. water cushion used to reduce cap).
1C	"	2498	5479	13	2766	2323	2740	5496	0.93	0.93 gal. mud	
2	5497.5/ 98.5	2273	5469	13	2734	2453	2766	5486	0.93	0.93 gal. mud	made 4 runs w/ overshot to recover
3	5484.5/ 85.5	0	5456	18	2739	0	2747	5473	0.93	1/2 pint mud	
4	5477.5/ 78.5	0	5449	18	2739	0	2739	5466	0.93	1/2 pint mud	
5	5369.5/ 70.5	5	5341	18	2739	40	-	5358	0.93	1/2 pint mud	Amerada clock stopped no FHP

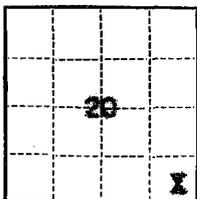
SHELL OIL COMPANY
 DRILLING REPORT
 for Period Ending
1-22-59

MUD GRADIENT RUN

<u>Depth</u>	<u>Press (Psi)</u>	<u>AP (Psi)</u>	<u>AH (ft.)</u>	<u>Gradient (psi/ft.)</u>	<u>Av. Gradient</u>
5331	2644	49	100	0.490	$\frac{2644-2429}{400} = 0.538$ psi/ft.
5231	2595	54	100	0.540	
5131	2541	112	200	0.560	
4931	2429				

PRESSURE RECORDER CALIBRATION CHECKS

BT #96 (12,000 psi)		1000 psi	2000 psi	3000 psi	4000 psi
Before Tests	defl.	0.200	0.403	0.607	0.810
After Tests	defl.	0.202	0.405	0.608	0.811
RPG-3 (Amerada) #13 (10,000 psi)					
Before Tests	defl.	0.190	0.383	0.575	0.768
After Tests	defl.	0.191	0.383	0.574	0.766
RPG-3 (Amerada) #18 (8,000 psi)					
Before Tests	defl.	0.243	0.489	0.734	0.981
After Tests	defl.	0.244	0.491	0.736	0.982



(SUBMIT IN TRIPLICATE)

UNITED STATES
DEPARTMENT OF THE INTERIOR
GEOLOGICAL SURVEY

Land Office Salt Lake City, Utah

Lease No. NO 1890

Unit Recapture Creek

SUNDRY NOTICES AND REPORTS ON WELLS

NOTICE OF INTENTION TO DRILL.....		SUBSEQUENT REPORT OF WATER SHUT-OFF.....	
NOTICE OF INTENTION TO CHANGE PLANS.....	<input checked="" type="checkbox"/>	SUBSEQUENT REPORT OF SHOOTING OR ACIDIZING.....	
NOTICE OF INTENTION TO TEST WATER SHUT-OFF.....		SUBSEQUENT REPORT OF ALTERING CASING.....	
NOTICE OF INTENTION TO RE-DRILL OR REPAIR WELL.....		SUBSEQUENT REPORT OF RE-DRILLING OR REPAIR.....	
NOTICE OF INTENTION TO SHOOT OR ACIDIZE.....		SUBSEQUENT REPORT OF ABANDONMENT.....	
NOTICE OF INTENTION TO PULL OR ALTER CASING.....		SUPPLEMENTARY WELL HISTORY.....	
NOTICE OF INTENTION TO ABANDON WELL.....			

(INDICATE ABOVE BY CHECK MARK NATURE OF REPORT, NOTICE, OR OTHER DATA)

..... January 23, 19 59

Recapture Creek
Well No. 44-20 is located 310 ft. from S line and 760 ft. from E line of sec. 20

SE SE 20 (¼ Sec. and Sec. No.) 108 (Twp.) 23E (Range) SL 2W (Meridian)

Recapture Creek (Field) San Juan (County or Subdivision) Utah (State or Territory)

The elevation of the Kelly Bushing floor above sea level is 4439 ft.

DETAILS OF WORK

(State names of and expected depths to objective sands; show sizes, weights, and lengths of proposed casings; indicate mudding jobs, cementing points, and all other important proposed work)

Status: Total Depth - 5541'
Hole Size - 7-7/8" from 926' to 5541'.
Casings: 8-5/8" at 926'.

Proposed Work:

1. Drill 7-7/8" hole to 7150' (objective - Mississippian).
2. If commercial production is obtained a supplement notice will be issued.

I understand that this plan of work must receive approval in writing by the Geological Survey before operations may be commenced.

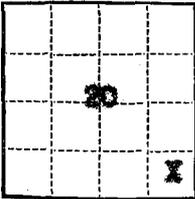
Company Shell Oil Company

Address 705 West Municipal Drive

Farmington, New Mexico

Original signed by
B. W. SHEPARD

By _____
Title B. W. Shepard
Exploitation Engineer



(SUBMIT IN TRIPLICATE)

UNITED STATES
DEPARTMENT OF THE INTERIOR
GEOLOGICAL SURVEY

Land Office Salt Lake City

Lease No. UO 1890

Unit Recapture Creek

7-H
3-10

SUNDRY NOTICES AND REPORTS ON WELLS

NOTICE OF INTENTION TO DRILL.....	SUBSEQUENT REPORT OF WATER SHUT-OFF.....	
NOTICE OF INTENTION TO CHANGE PLANS.....	SUBSEQUENT REPORT OF SHOOTING OR ACIDIZING.....	
NOTICE OF INTENTION TO TEST WATER SHUT-OFF.....	SUBSEQUENT REPORT OF ALTERING CASING.....	
NOTICE OF INTENTION TO RE-DRILL OR REPAIR WELL.....	SUBSEQUENT REPORT OF RE-DRILLING OR REPAIR.....	
NOTICE OF INTENTION TO SHOOT OR ACIDIZE.....	SUBSEQUENT REPORT OF ABANDONMENT.....	
NOTICE OF INTENTION TO PULL OR ALTER CASING.....	SUPPLEMENTARY WELL HISTORY.....	X
NOTICE OF INTENTION TO ABANDON WELL.....		

(INDICATE ABOVE BY CHECK MARK NATURE OF REPORT, NOTICE, OR OTHER DATA)

..... January 29, 19 59

Recapture Creek
Well No. 44-20 is located 810 ft. from S line and 760 ft. from E line of sec. 20

SE SE 20 (¼ Sec. and Sec. No.) LOS (Twp.) 21E (Range) 31E1N (Meridian)

Recapture Creek (Field) San Juan (County or Subdivision) Utah (State or Territory)

The elevation of the Kelly Bushing ~~completion~~ above sea level is 4432 ft.

DETAILS OF WORK

(State names of and expected depths to objective sands; show sizes, weights, and lengths of proposed casings; indicate mudding jobs, cementing points, and all other important proposed work)

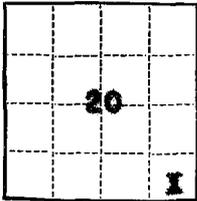
DST #1 5470 - 5541 Initial shut in 1 hour, open 15 minutes, no blow. Final shut in 2 hours. Recovered 40' mud. ISIP 2460, IFF 94, FFF 94, FSIP 2366, HP 2837

I understand that this plan of work must receive approval in writing by the Geological Survey before operations may be commenced.

Company Shell Oil Company

Address 705 West Municipal Drive
Farmington, New Mexico

By B. W. SHEPARD
Original signed by
B. W. Shepard
Title Exploitation Engineer



(SUBMIT IN TRIPLICATE)

UNITED STATES
DEPARTMENT OF THE INTERIOR
GEOLOGICAL SURVEY

Land Office Salt Lake City, Utah

Lease No. 170 1890

Unit Recapture Creek

SUNDRY NOTICES AND REPORTS ON WELLS

NOTICE OF INTENTION TO DRILL.....		SUBSEQUENT REPORT OF WATER SHUT-OFF.....	
NOTICE OF INTENTION TO CHANGE PLANS.....		SUBSEQUENT REPORT OF SHOOTING OR ACIDIZING.....	
NOTICE OF INTENTION TO TEST WATER SHUT-OFF.....		SUBSEQUENT REPORT OF ALTERING CASING.....	
NOTICE OF INTENTION TO RE-DRILL OR REPAIR WELL.....		SUBSEQUENT REPORT OF RE-DRILLING OR REPAIR.....	
NOTICE OF INTENTION TO SHOOT OR ACIDIZE.....		SUBSEQUENT REPORT OF ABANDONMENT.....	
NOTICE OF INTENTION TO PULL OR ALTER CASING.....		SUPPLEMENTARY WELL HISTORY.....	
NOTICE OF INTENTION TO ABANDON WELL.....	X		

(INDICATE ABOVE BY CHECK MARK NATURE OF REPORT, NOTICE, OR OTHER DATA)

February 12, 19 59

Recapture Creek
Well No. 14-20 is located 810 ft. from EN line and 760 ft. from E line of sec. 20

SE SE 20 (1/4 Sec. and Sec. No.) 40S (Twp.) 23E (Range) SLM (Meridian)

Recapture Creek (Field) San Juan (County or Subdivision) Utah (State or Territory)

The elevation of the Kelly Bushing ~~conclusion~~ above sea level is 1139 ft.

DETAILS OF WORK

(State names of and expected depths to objective sands; show sizes, weights, and lengths of proposed casings; indicate mudding jobs, cementing points, and all other important proposed work)

Status: Total Depth: 7050'
Casing: 8-5/8" @ 926'
Hole Size: 7-7/8" from 926' to T.D.

- Proposed Work:
- With open end drill pipe plug as follows:
 - 45 sacks cement 6550-6700
 - 60 sacks cement 5330 - 5530
 - 45 sacks cement 4300 - 4450
 - 45 sacks cement 2300 - 2450
 - 30 sacks cement 1300 - 1400
 - 60 sacks cement 910 - 940
 - Peel for top plug, if not above 910', re cement.
 - Install marker with a 10 sack cement cap.

I understand that this plan of work must receive approval in writing by the Geological Survey before operations may be commenced.

Company Shell Oil Company

Address 705 West Municipal Drive

Farrington, New Mexico

Original signed by
B. W. SHEPARD

By B. W. Shepard

Title Exploitation Engineer

DRILLING REPORT

FOR PERIOD ENDING

2-13-59

20

(SECTION OR LEASE)

T40S R23E

(TOWNSHIP OR RANCHO)

Recapture Creek

(FIELD)

San Juan, Utah

(COUNTY)

DAY	DEPTHS		REMARKS
	FROM	TO	
2-12			<p>Plugged well through open end drill pipe as follows:</p> <p style="padding-left: 40px;">6550-6700 45 sacks cement 5330-5530 60 sacks cement 4300-4450 45 sacks cement 2300-2450 45 sacks cement 1300-1400 30 sacks cement 910- 940 60 sacks cement</p> <p>Found top of top plug at 720'.</p>
2-13			<p>Installed abandonment marker in 10 sack cement surface plug. Abandoned 2-13-59.</p> <p>Checked BOP daily</p> <p>Mud Summary wt. 9 - 11.2#/gal. vis. 36 - 62 sec. WL 9.6 - 31 cc FC 2/32"</p> <p style="text-align: right;">Contractor: Moran Brothers, Inc. Drillers: R. Bernaid L. L. Cunningham C. W. Kimberling C. H. Cavel Co. Pusher: C. L. Christensen R. I. Alberts</p>

CONDITION AT BEGINNING OF PERIOD

HOLE			CASING SIZE	DEPTH SET
SIZE	FROM	TO		
17-1/2"	0	83	8-5/8"	929'
12-1/2"	83	929		
7-7/8"	929	7050		
DRILL PIPE SIZES <u>4-1/2"</u>				

B. W. Shepard

SIGNED

SHELL OIL COMPANY

Recapture Creek

WELL NO. 11-20

DRILLING REPORT

FOR PERIOD ENDING

2-13-59

20

(SECTION OR LEASE)

T10S R23E

(TOWNSHIP OR RANCHO)

Recapture Creek

(FIELD)

San Juan, Utah

(COUNTY)

DAY	DEPTHS		REMARKS
	FROM	TO	
1-22	5541		DST #1 5471-5541. Four R's Testing Company. Two 6-5/8" packers at 5471 and 5467". Four pressure recorders were run, 5530, 5534, 5529 and 5526, 3/4" subsurface and 1" surface bean. Initial shut-in 1 hour, open 15 minutes, final shut-in 2 hours. No blow. Recovered 40' mud. ISIP 2446, IFF/FFP 91, FSIP 2341, IHP/FHP 2938/2752.
1-23	5541	5576	<u>Drilled 35'</u> . Converted to salt base mud.
1-24 to 2-7	5576	7050	<u>Drilled 1474.</u>
2-8 to 2-9	7050	TD	Ran Schlumberger Gamma Ray-Neutron Log, Sonic log, Microlaterolog and Laterolog. Ran Welex guard log, Forxo log and Gamma Ray-Neutron log.
2-10	7050		DST #2 6856-7050'. Four R's Testing Company. Two 6-5/8" packers at 6851 and 6856. Four pressure records: 7035 "L", out, and three Kusters 7039, 7043, 7047 (out); 3/8" subsurface bean and an adjustable surface bean; perforations 6856-6874. No air or water cushion. Initial shut-in 1 hour, open 2 hours, final shut-in 2 hours. Steady fair blow throughout test. Recovered 1200' (14 bbls.) GCM and GSW. ISIP failed, IFF 157, FFP 704, FSIP 2903, HP 4150/4075.
2-11			DST #3 6235-6315 (straddle test), Johnston Testers. Two 6-5/8" packers at 6229 and 6235, and at 6315. Five pressure recorders: at 6300, 6306, 6312, 6325, 6327. 1" surface bean, 3/4" subsurface bean; perforations 6235-6259, 6286-6291; used 45' (0.17 bbls.) air cushion and 15' (.05 bbls.) water cushion. Initial shut-in 45 minutes, open 1-1/2 hours, final shut-in 1-1/2 hours. Weak blow - dead 1-1/4 hours. Recovered 55' mud. ISIP 744, IFF 89, FFP 89, FSIP 172, HP 3630/3602, BHT 120°.

CONDITION AT BEGINNING OF PERIOD

HOLE			CASING SIZE	DEPTH SET
SIZE	FROM	TO		
DRILL PIPE SIZES				

SHELL OIL COMPANY

Recapture Creek, 44-20
WELL NO.

DRILLING REPORT
FOR PERIOD ENDING

2-13-59

20

(SECTION OR LEASE)

T40S R23E

(TOWNSHIP OR RANCHO)

Recapture Creek

(FIELD)

San Juan, Utah

(COUNTY)

DAY	DEPTHS		REMARKS
	FROM	TO	
1-5	3856	3941	<u>Drilled 85'</u> . Twisted off at 3931 leaving 14 drill collars in hole; recovered with overshot.
1-6 to 1-15	3941	5326	<u>Drilled 1385'</u> . Twisted off at 5326' leaving 10 drill collars in hole; recovered with overshot.
1-16	5326	5376	<u>Cored 50'</u> . Core #1 5326-5376'. Recovered 48.8'.
1-17 to 1-18	5376	5541	<u>Drilled 154'</u> . Ran Schlumberger Induction-Electrical survey, Gamma Ray-Neutron Log, Microlog, and wire line formation tester.
1-19 to 1-21	5541		The Schlumberger wire line tester used employs a 2.75 gallon sample container with an Amerada pressure recorder inside. The container was filled with water before each run to reduce the build-up time necessary and to reduce the risk of plugging the flow line. Eight runs at six different depths were made with this equipment; of the eight runs seven were mechanically successful.

CONDITION AT BEGINNING OF PERIOD

HOLE			CASING SIZE	DEPTH SET
SIZE	FROM	TO		
DRILL PIPE SIZES				

SHELL OIL COMPANY

Recapture Creek
WELL NO. 44-20

DRILLING REPORT

FOR PERIOD ENDING

2-13-59

Recapture Creek
(FIELD)
San Juan County, Utah.
(COUNTY)

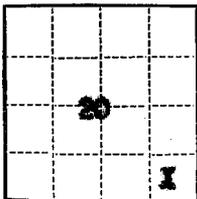
20
(SECTION OR LEASE)
T4OS R23E
(TOWNSHIP OR RANGE)

DAY	DEPTH		REMARKS
	FROM	TO	
			<p><u>Location:</u> 810' N and 760' W of SE Corner Section 20, T4OS, R23E, SLBM, San Juan County, Utah.</p> <p><u>Elevations:</u> DF 4437.4 GR 4427.5 KB 4438.6</p>
12-21 to 12-24	0	929	Spudded 4:30 A.M. 12-21-58. Cemented (85') 13-3/8" 48# conductor pipe at 83' with 75 sacks cemented. Drilled to 929'. Ran and cemented (915') 8-5/8", 28# H-40 casing at 926' with 250 sacks cement treated with 2% calcium chloride. Flanged up. Pressure tested casing and BOP with 700 psi, for 15 minutes, OK.
12-25 to 12-26	929	2090	<u>Drilled 1161'</u> . Water flow through 8-5/8" casing at 1215'.
12-27	2090	2358	<u>Drilled 268'</u> . Twisted off at 2090' leaving 10 drill collars in hole, recovered with overshot.
12-28 to 1-4	2358	3856	<u>Drilled 1498'</u> .

CONDITION AT BEGINNING OF PERIOD

HOLE			CASING SIZE	DEPTH SET
SIZE	FROM	TO		
DRILL PIPE SIZES				

NOV 27 1959



(SUBMIT IN TRIPLICATE)

UNITED STATES
DEPARTMENT OF THE INTERIOR
GEOLOGICAL SURVEY

Land Office Salt Lake City

Lease No. UO 1890

Unit Recapture Creek

7-4
3-10

SUNDRY NOTICES AND REPORTS ON WELLS

NOTICE OF INTENTION TO DRILL.....	SUBSEQUENT REPORT OF WATER SHUT-OFF.....	
NOTICE OF INTENTION TO CHANGE PLANS.....	SUBSEQUENT REPORT OF SHOOTING OR ACIDIZING.....	
NOTICE OF INTENTION TO TEST WATER SHUT-OFF.....	SUBSEQUENT REPORT OF ALTERING CASING.....	
NOTICE OF INTENTION TO RE-DRILL OR REPAIR WELL.....	SUBSEQUENT REPORT OF RE-DRILLING OR REPAIR.....	
NOTICE OF INTENTION TO SHOOT OR ACIDIZE.....	SUBSEQUENT REPORT OF ABANDONMENT.....	
NOTICE OF INTENTION TO PULL OR ALTER CASING.....	SUPPLEMENTARY WELL HISTORY.....	X
NOTICE OF INTENTION TO ABANDON WELL.....		

(INDICATE ABOVE BY CHECK MARK NATURE OF REPORT, NOTICE, OR OTHER DATA)

February 16, 1959

Recapture Creek

Well No. 4-20 is located 510 ft. from ~~XXX~~ [S] line and 760 ft. from [E] line of sec. 20

SE SE 20

(1/4 Sec. and Sec. No.)

105

(Twp.)

23E

(Range)

SL 5M

(Meridian)

Recapture Creek

(Field)

San Juan

(County or Subdivision)

Utah

(State or Territory)

The elevation of the ~~surface~~ Kelly Bushing above sea level is 4439 ft.

DETAILS OF WORK

(State names of and expected depths to objective sands; show sizes, weights, and lengths of proposed casings; indicate mudding jobs, cementing points, and all other important proposed work)

DST #2 5858-7050, Initial shut-in 1 hour, open 2 hours, final shut-in 2 hours, medium blow; recovered 1200' Gas Cut Watery Mud and Gas Muddy Water. ISIP - Failed, IFF 235, FFP 666, SIP 2899, HP 4278.

DST #3 6235-6315 Initial shut-in 45 minutes, open 1-1/2 hour, final shut-in 1-1/2 hour, weak blow, dead 1-1/4 hour. Recovered 55' mud. ISIP 735, IFF 90, FFP 105, PSIP 175, HP 3615.

I understand that this plan of work must receive approval in writing by the Geological Survey before operations may be commenced.

Company Shell Oil Company

Address 705 West Municipal Drive

Farmington, New Mexico

Original signed by
B. W. SHEPARD

By _____

Title B. W. Shepard
Exploitation Engineer

February 18, 1959

71-K
3-10

Shell Oil Company
705 West Municipal Drive
Farmington, New Mexico

Attention: B. W. Shepard,
Exploitation Engineer

Gentlemen:

This is to acknowledge receipt of your notice of intention to abandon Well No. Recepture Creek 44-20, which is located 810 feet from the south line and 760 feet from the east line of Section 20, Township 40 South, Range 23 East, SLBM, San Juan County, Utah.

Please be advised that insofar as this office is concerned approval to plug and abandon said well as set forth in your notice is hereby granted.

Yours very truly,

OIL & GAS CONSERVATION COMMISSION

CLEON B. FEIGHT
EXECUTIVE SECRETARY

CBF:co

cc: H. G. Henderson, UO&GCC
Box 363, Moab, Utah

MUDDING AND CEMENTING RECORD

FOLD MARK

Size casing	Where set	Number sacks of cement	Method used	Mud gravity	Amount of mud used
8-5/8"	929	250	Displacement	-	-

PLUGS AND ADAPTERS

Heaving plug—Material Length Depth set

Adapters—Material Size

SHOOTING RECORD

Size	Shell used	Explosive used	Quantity	Date	Depth shot	Depth cleaned out

TOOLS USED

Rotary tools were used from 0 feet to 7050 feet, and from - feet to - feet

Cable tools were used from - feet to - feet, and from - feet to - feet

Abandoned as a "dry hole"

DATES

February 13, 1959 Put to producing, 19.....

The production for the first 24 hours was barrels of fluid of which% was oil;% emulsion;% water; and% sediment. Gravity, °Bé.

If gas well, cu. ft. per 24 hours Gallons gasoline per 1,000 cu. ft. of gas

Rock pressure, lbs. per sq. in.

EMPLOYEES

R. Bernard, Driller Moran Bros., Inc.
 G. W. Kimberling, Driller
 L. L. Cunningham, Driller C. H. Cavel, Driller

FORMATION RECORD

FROM-	TO-	TOTAL FEET	FORMATION
1364	2130		Chinle
2130	2211		Shinarump
2211	2387		Moenkopi
2387	4385		Cutler
4385	5378		Hermosa
5378	6475		Paradox
6475	6645		Molas
6645	6865		Leadville
6865	-		Mississippian Dolomite

20

(SUBMIT IN TRIPLICATE)

Land Office Salt Lake City, Utah

Lease No. U-01890

Unit Recapture Creek

	20	
		X

UNITED STATES
DEPARTMENT OF THE INTERIOR
GEOLOGICAL SURVEY

7-A
3-10

SUNDRY NOTICES AND REPORTS ON WELLS

NOTICE OF INTENTION TO DRILL.....	SUBSEQUENT REPORT OF WATER SHUT-OFF.....	
NOTICE OF INTENTION TO CHANGE PLANS.....	SUBSEQUENT REPORT OF SHOOTING OR ACIDIZING.....	
NOTICE OF INTENTION TO TEST WATER SHUT-OFF.....	SUBSEQUENT REPORT OF ALTERING CASING.....	
NOTICE OF INTENTION TO RE-DRILL OR REPAIR WELL.....	SUBSEQUENT REPORT OF RE-DRILLING OR REPAIR.....	
NOTICE OF INTENTION TO SHOOT OR ACIDIZE.....	SUBSEQUENT REPORT OF ABANDONMENT.....	X
NOTICE OF INTENTION TO PULL OR ALTER CASING.....	SUPPLEMENTARY WELL HISTORY.....	
NOTICE OF INTENTION TO ABANDON WELL.....		

(INDICATE ABOVE BY CHECK MARK NATURE OF REPORT, NOTICE, OR OTHER DATA)

March 3, 19 59

Recapture Creek

Well No. 44-20 is located 810 ft. from S line and 760 ft. from E line of sec. 20

SE SE 20

(¼ Sec. and Sec. No.)

40 S

(Twp.)

23 E

(Range)

S.L.B.M.

(Meridian)

Recapture Creek

(Field)

San Juan

(County or Subdivision)

Utah

(State or Territory)

Kelly Bushing

The elevation of the ~~marker~~ above sea level is 4439 ft.

DETAILS OF WORK

(State names of and expected depths to objective sands; show sizes, weights, and lengths of proposed casings; indicate mudding jobs, cementing points, and all other important proposed work)

Abandonment Work:

- With open end drill pipe plugged as follows:
 - 45 sacks cement 6350-6700
 - 60 sacks cement 5330-5530
 - 45 sacks cement 4300-4450
 - 45 sacks cement 2300-2450
 - 30 sacks cement 1300-1400
 - 60 sacks cement 910-940
- Located topplug at 720'.
- Installed marker with a 10 sack cement cap and abandoned 2-13-59.

I understand that this plan of work must receive approval in writing by the Geological Survey before operations may be commenced.

Company Shell Oil Company

Address 705 West Municipal Drive

Farmington, N. M.

Original signed by
B. W. SHEPARD

By _____
B. W. Shepard
Title Exploitation Engineer

UNITED STATES
DEPARTMENT OF THE INTERIOR
GEOLOGICAL SURVEY

APPLICATION FOR PERMIT TO DRILL, DEEPEN, OR PLUG BACK

1a. TYPE OF WORK
 DRILL DEEPEN PLUG BACK

b. TYPE OF WELL
 OIL WELL GAS WELL OTHER re-entry SINGLE ZONE MULTIPLE ZONE

2. NAME OF OPERATOR
 Glenn A. Dow, T. Keith Marks

3. ADDRESS OF OPERATOR
 475 Capitol Life Center, Denver, Colorado 80203

4. LOCATION OF WELL (Report location clearly and in accordance with any State requirements.)*
 At surface
 810 FSL, 760 FEL, Sec. 20, T-40-S, R-23-E
 At proposed prod. zone

14. DISTANCE IN MILES AND DIRECTION FROM NEAREST TOWN OR POST OFFICE*
 9.3 miles - Montezuma Creek, Utah

15. DISTANCE FROM PROPOSED* LOCATION TO NEAREST PROPERTY OR LEASE LINE, FT. (Also to nearest drlg. line, if any) 560'

16. NO. OF ACRES IN LEASE
 80

17. NO. OF ACRES ASSIGNED TO THIS WELL
 80

18. DISTANCE FROM PROPOSED LOCATION* TO NEAREST WELL, DRILLING, COMPLETED, OR APPLIED FOR, ON THIS LEASE, FT.
 5430

19. PROPOSED DEPTH
 5430

20. ROTARY OR CABLE TOOLS
 Rotary

21. ELEVATIONS (Show whether DF, RT, GR, etc.)
 4427.5 GR

22. APPROX. DATE WORK WILL START*
 10-7-74

23. PROPOSED CASING AND CEMENTING PROGRAM

SIZE OF HOLE	SIZE OF CASING	WEIGHT PER FOOT	SETTING DEPTH	QUANTITY OF CEMENT
7-7/8	4-1/2	9.5	5430	250 SX Class A Cement

Operator proposes to re-enter old Shell hole #44-20 and to drill out plugs and clean out to 5430'. Run 4-1/2 casing at 5430 - For Ismay test.

Completion data to be determined from logs in Ismay Zone.

approve

APPROVED BY DIVISION OF
OIL & GAS CONSERVATION
SEP 27 1974

DATE _____
BY *C.B. [Signature]*

IN ABOVE SPACE DESCRIBE PROPOSED PROGRAM: If proposal is to deepen or plug back, give data on present productive zone and proposed new productive zone. If proposal is to drill or deepen directionally, give pertinent data on subsurface locations and measured and true vertical depths. Give blowout preventer program, if any.

24. SIGNED *J. Arnold Snell* TITLE Area Manager Minerals Management Inc. DATE 9-23-74

(This space for Federal or State office use)

PERMIT NO. *43-0317-11068* APPROVAL DATE _____

APPROVED BY _____ TITLE _____ DATE _____

CONDITIONS OF APPROVAL, IF ANY:

DEVELOPMENT PLAN
DOW MARKS - I-20
SEC. 20, T-40-S, R-23-E
SAN JUAN COUNTY, UTAH

Glenn A. Dow/T. Keith Marks proposes to re-enter an existing well plugged and abandoned by Shell in SE/4, SE4, Section 20, T-40-S, R-23-E. The location will have to be re-leveled and approximately 3/4 mile of previous road re-opened. Road width to be 20' and bar ditched as necessary. The reserve pit will have to be re-dug.

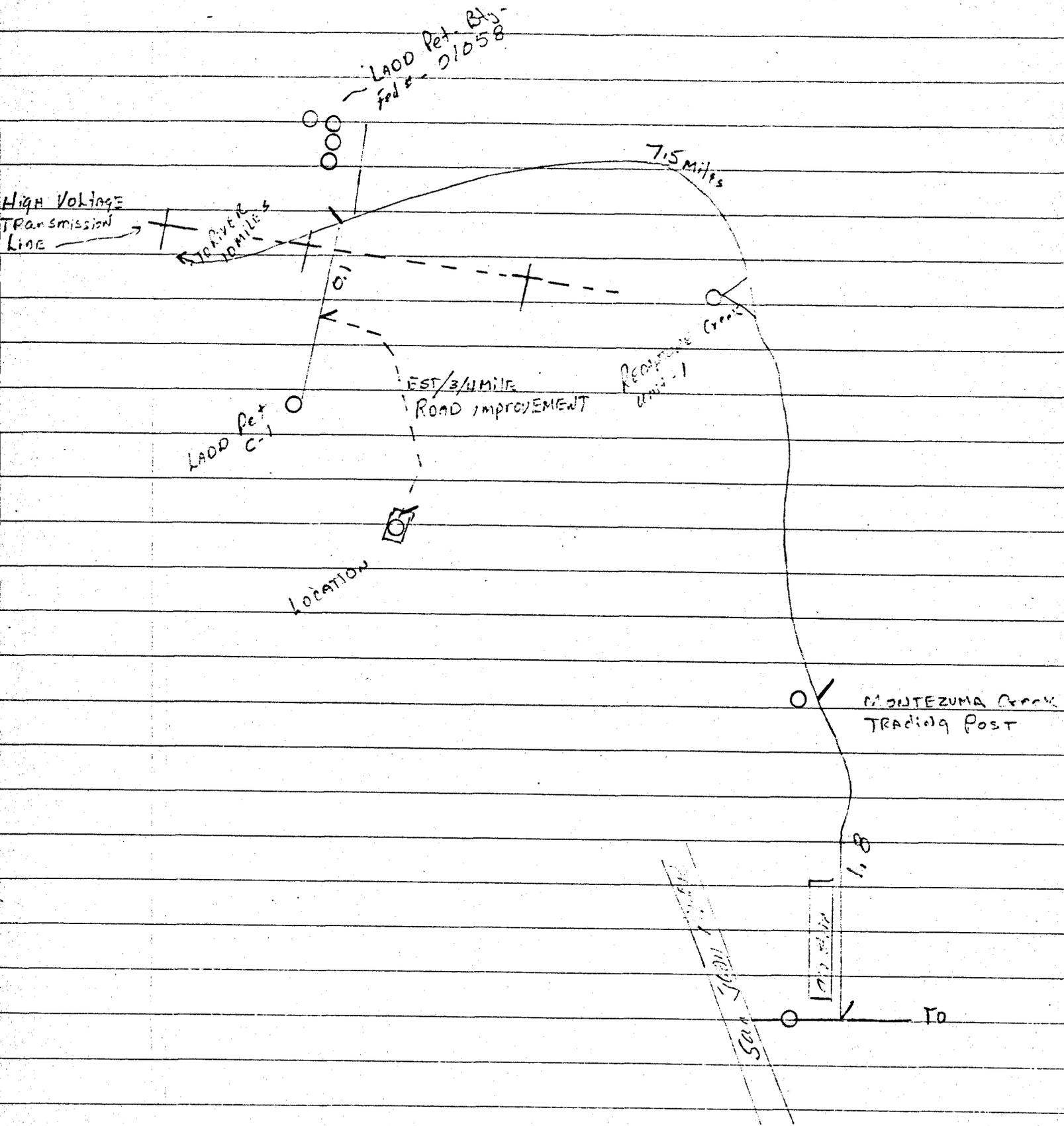
There will be no camps or air-strips, however an air strip is located 10 miles at Montezuma Creek but not anticipated to be used at present time.

Water will be hauled from San Juan River.

Upon completion of work - reserve pit will be back filled and location cleaned. If production facilities are installed on completion, the tank battery will be diked in accordance with stipulations in Lease Agreement for Lease U-27357. Blowout preventors will be utilized while drilling. The drilling fluid will be gel mud.

Attached is a diagram of location.

LOCATION SKETCH
DOW MARKS I-20
SAN JUAN COUNTY, UTAH



Drilling Location Diagram

LOW MARKS T-20

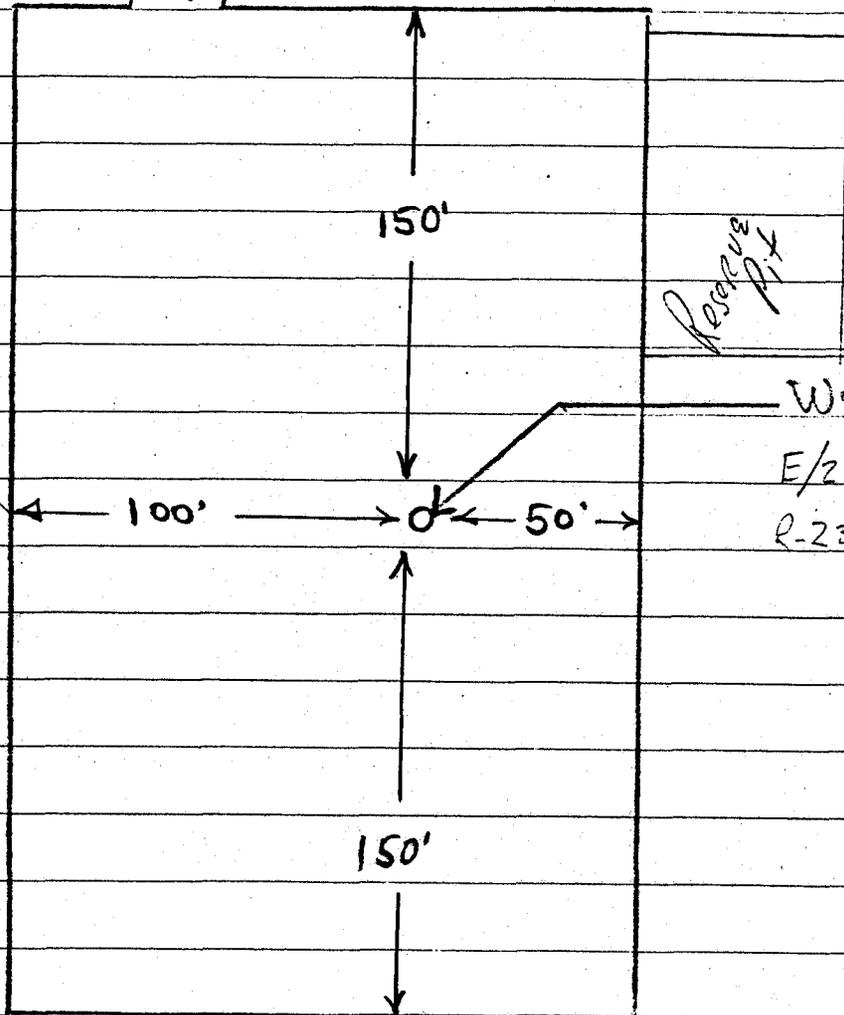
SAN JUAN COUNTY, UTAH



ESTIMATED 3/4 miles OF ROAD

TO BE IMPROVED / RE OPENED

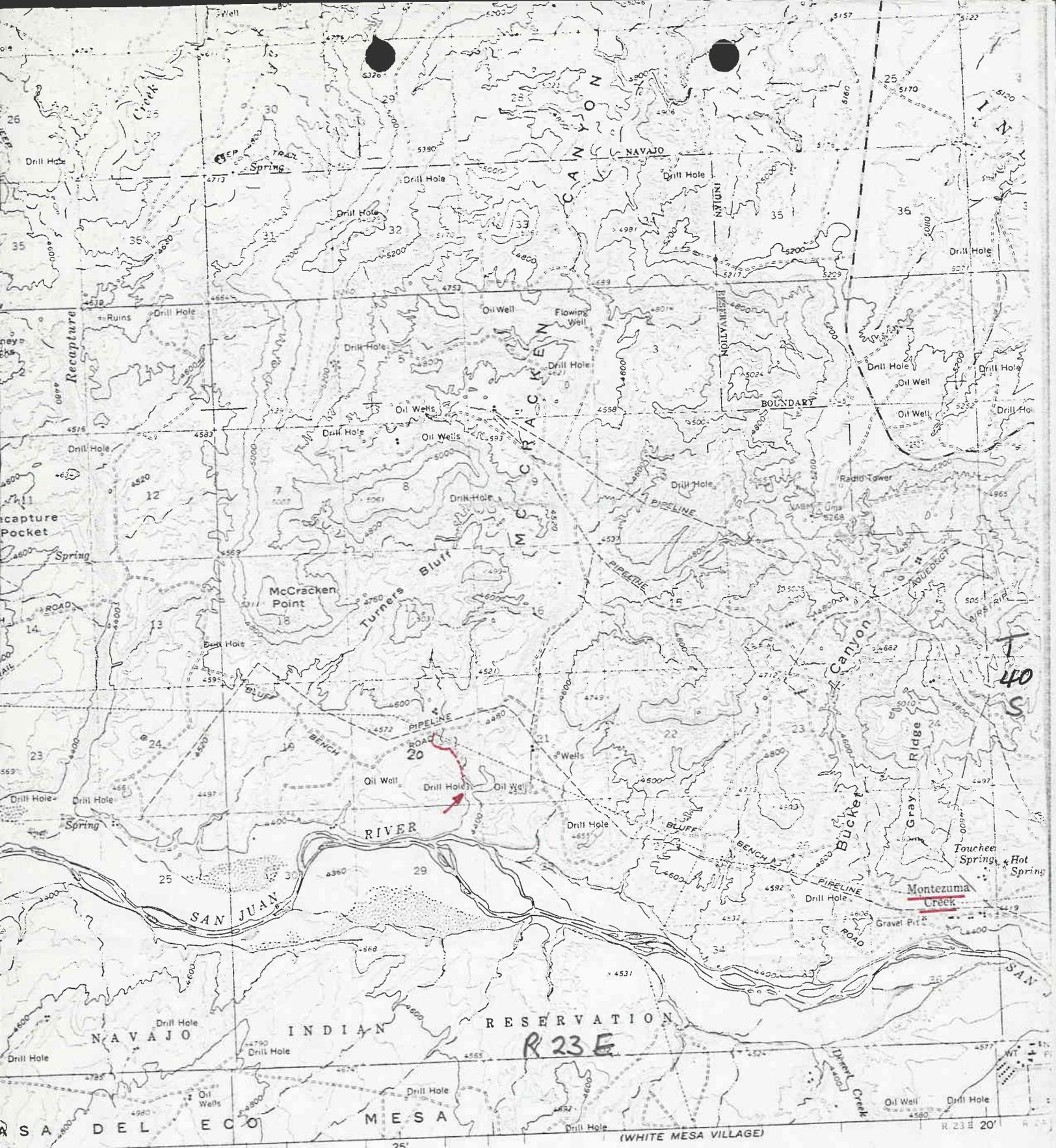
Road



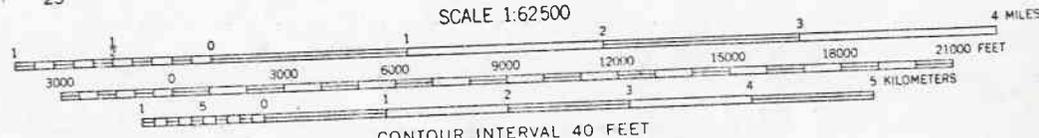
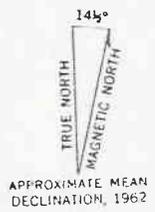
Well - SHELL # 44-20

E/2 - SE-4 Sec 20 T40S

R-23E, SAN JUAN UTAH



by the Geological Survey
 Methods from aerial
 checked 1962
 American datum
 ordinate system, south zone
 Mercator grid ticks,
 been established



CONTOUR INTERVAL 40 FEET
 DOTTED LINES REPRESENT 20-FOOT CONTOURS
 DATUM IS MEAN SEA LEVEL

THIS MAP COMPLIES WITH NATIONAL MAP ACCURACY STANDARDS
 FOR SALE BY U.S. GEOLOGICAL SURVEY, DENVER 25, COLORADO OR WASHINGTON 25, D. C.
 A FOLDER DESCRIBING TOPOGRAPHIC MAPS AND SYMBOLS IS AVAILABLE ON REQUEST

November 15, 1974

Glenn A. Dow, T. Keith Marks
c/o Minerals Management, Inc.
501 Airport Drive
Suite 210
Farmington, New Mexico 87401

ATTENTION: J. Arnold Snell, Area Manager

Re: Well No. Dow & Marks 1-20
(re-entry)
Sec. 20, T. 40 S, R. 23 E,
San Juan County, Utah

Dear Mr. Snell:

Our records indicate that you have not filed a Monthly Report of Operations for the months of September and October, 1974, on the subject well.

Rule C-22(1), General Rules and Regulations requires that said reports be filed on or before the sixteenth (16) day of the succeeding month. This report may be filed on Form OGC-1b, (U.S. Geological Survey 9-331) "Sundry Notices and Reports on Wells", or on company forms containing substantially the same information. We are enclosing forms for your convenience.

Very truly yours,

DIVISION OF OIL & GAS CONSERVATION

SCHEREE WILCOX
EXECUTIVE SECRETARY

:SW

7PI

STATE OF UTAH
OIL & GAS CONSERVATION COMMISSION

SUBMIT IN TRIPLICATE*
(Other instructions on reverse side)

SUNDRY NOTICES AND REPORTS ON WELLS

(Do not use this form for proposals to drill or to deepen or plug back to a different reservoir. Use "APPLICATION FOR PERMIT—" for such proposals.)

1. <input checked="" type="checkbox"/> OIL WELL <input type="checkbox"/> GAS WELL <input type="checkbox"/> OTHER Re-entry		5. LEASE DESIGNATION AND SERIAL NO. U-27357
2. NAME OF OPERATOR Glenn A. Dow, T. Keith Marks		6. IF INDIAN, ALLOTTEE OR TRIBE NAME
3. ADDRESS OF OPERATOR 475 Capitol Life Center, Denver, Colorado 80203		7. UNIT AGREEMENT NAME
4. LOCATION OF WELL (Report location clearly and in accordance with any State requirements.* See also space 17 below.) At surface 810 FSL, 760 FEL, Sec. 20, T-40S, R-23-E		8. FARM OR LEASE NAME Dow & Marks
14. PERMIT NO.		9. WELL NO. I-20
15. ELEVATIONS (Show whether DF, RT, GR, etc.) 4427.5 GR		10. FIELD AND POOL, OR WILDCAT Recapture Creek
		11. SEC., T., R., M., OR BLEK. AND SURVEY OR AREA SE/4 Sec. 20 T40S-R23E
		12. COUNTY OR PARISH 13. STATE San Juan, Utah

16. Check Appropriate Box To Indicate Nature of Notice, Report, or Other Data

NOTICE OF INTENTION TO:		SUBSEQUENT REPORT OF:	
TEST WATER SHUT-OFF <input type="checkbox"/>	PULL OR ALTER CASING <input type="checkbox"/>	WATER SHUT-OFF <input type="checkbox"/>	REPAIRING WELL <input type="checkbox"/>
FRACTURE TREAT <input type="checkbox"/>	MULTIPLE COMPLETE <input type="checkbox"/>	FRACTURE TREATMENT <input type="checkbox"/>	ALTERING CASING <input type="checkbox"/>
SHOOT OR ACIDIZE <input type="checkbox"/>	ABANDON* <input type="checkbox"/>	SHOOTING OR ACIDIZING <input type="checkbox"/>	ABANDONMENT* <input type="checkbox"/>
REPAIR WELL <input type="checkbox"/>	CHANGE PLANS <input type="checkbox"/>	(Other) <u>Monthly Operations</u> <input type="checkbox"/>	

(NOTE: Report results of multiple completion on Well Completion or Recompletion Report and Log form.)

17. DESCRIBE PROPOSED OR COMPLETED OPERATIONS (Clearly state all pertinent details, and give pertinent dates, including estimated date of starting any proposed work. If well is directionally drilled, give subsurface locations and measured and true vertical depths for all markers and zones pertinent to this work.)*

11-19-74 Current operations: Waiting on drilling rig. Anticipate work to begin in mid-December. Status was same during September and October.

18. I hereby certify that the foregoing is true and correct.
SIGNED J. Arnold Snell TITLE Area Manager Minerals Management Inc. DATE 11-19-74

(This space for Federal or State office use)

APPROVED BY _____ TITLE _____ DATE _____
CONDITIONS OF APPROVAL, IF ANY:

UNITED STATES
DEPARTMENT OF THE INTERIOR
GEOLOGICAL SURVEY

SUBMIT IN TRIPlicate*
(Other instructions on re-
verse side)

Form approved.
Budget Bureau No. 42-R1424.

5. LEASE DESIGNATION AND SERIAL NO.

U-27357

6. IF INDIAN, ALLOTTEE OR TRIBE NAME

7. UNIT AGREEMENT NAME

8. FARM OR LEASE NAME

Dow & Marks

9. WELL NO.

I-20

10. FIELD AND POOL, OR WILDCAT

Recapture Creek

11. SEC., T., R., M., OR BLK. AND
SURVEY OR AREA

Sec. 20, T40S-R23E

12. COUNTY OR PARISH 13. STATE

San Juan

Utah

1.

OIL WELL GAS WELL OTHER

2. NAME OF OPERATOR

Glenn A. Dow, T. Keith Marks

3. ADDRESS OF OPERATOR

475 Capitol Life Center, Denver, Colorado 80203

4. LOCATION OF WELL (Report location clearly and in accordance with any State requirements.*
See also space 17 below.)
At surface

810' FSL, 760' FEL, Sec. 20, T40S-R23E (SE/4)

14. PERMIT NO.

15. ELEVATIONS (Show whether DF, RT, GR, etc.)

4427.5' GR

16.

Check Appropriate Box To Indicate Nature of Notice, Report, or Other Data

NOTICE OF INTENTION TO:

TEST WATER SHUT-OFF

FRACTURE TREAT

SHOOT OR ACIDIZE

REPAIR WELL

(Other)

PULL OR ALTER CASING

MULTIPLE COMPLETE

ABANDON*

CHANGE PLANS

SUBSEQUENT REPORT OF:

WATER SHUT-OFF

FRACTURE TREATMENT

SHOOTING OR ACIDIZING

(Other) Set Casing

REPAIRING WELL

ALTERING CASING

ABANDONMENT*

(NOTE: Report results of multiple completion on Well Completion or Recompletion Report and Log form.)

17. DESCRIBE PROPOSED OR COMPLETED OPERATIONS (Clearly state all pertinent details, and give pertinent dates, including estimated date of starting any proposed work. If well is directionally drilled, give subsurface locations and measured and true vertical depths for all markers and zones pertinent to this work.)*

Ran 78 joints of 4-1/2", 11.6#, N-80 casing (2929') and 80 joints of 4-1/2", 11.6#, K-55 casing (2494') with Baker guide shoe, Baker conventional float collar, centralizers at 5430', 5395', 5360' and 5300' and 4 scratchers at 10' intervals from 5350'. Cemented with 150 sacks 50-50 Pozmix with 4% Gel and 100 sxs Class "B" neat. Plug down at 12:30 A.M., 12-4-74. Removed BOP, set casing slips.

APPROVED BY DIVISION OF
OIL & GAS CONSERVATION

DATE DEC 12 1974

BY C. B. Feagles

18. I hereby certify that the foregoing is true and correct

SIGNED

Carl Bond

TITLE

Agent

DATE

12-5-74

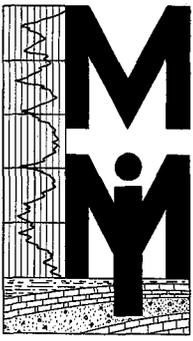
(This space for Federal or State office use)

APPROVED BY

TITLE

DATE

CONDITIONS OF APPROVAL, IF ANY:



MINERALS
MANAGEMENT INC.

WESTERN RESOURCES BUILDING • P. O. BOX 2919
TELEPHONE (307) 265-4960
CASPER, WYOMING 82601

January 20, 1975

Mr. Cleon B. Feight
Utah Division of Oil & Gas Conservation
1588 West, North Temple
Salt Lake City, Utah 84116

Re: GOR Test
Dow & Marks I-20
SE/4 Sec. 20-T40S-R23E
San Juan County, Utah

Dear Mr. Feight:

Minerals Management Inc., Agent for Glenn A. Dow and T. Keith Marks on the above subject well, wish to advise that a Gas-Oil Ratio test was taken on January 5, 1975. This 24-hour test indicated production of 31 barrels of oil, 57 barrels of water and 80 MCF gas per day, with a Gas-Oil Ratio of 2580:1.

If a special GOR report form is required, we would appreciate your furnishing us with a supply for future needs.

Yours very truly,

MINERALS MANAGEMENT INC.

Bruce L. Bummer
Production Manager

BD

cc: Dow & Marks

**UNITED STATES
DEPARTMENT OF THE INTERIOR
GEOLOGICAL SURVEY**

SUBMIT IN DUPLICATE*

(See instructions on reverse side)

Form approved
Budget Bureau No. 42-2355.5

7 PI
16

WELL COMPLETION OR RECOMPLETION REPORT AND LOG*

1. TYPE OF WELL: OIL WELL GAS WELL DRY Other

2. TYPE OF COMPLETION: NEW WELL WORK OVER DEEP-EN PLUG BACK DIFF. RESVR. Other **OLD WELL RE-ENTRY**

3. NAME OF OPERATOR
Glenn A. Dow, T. Keith Marks

4. ADDRESS OF OPERATOR
475 Capitol Life Center, Denver, Colorado 80203

5. LOCATION OF WELL (Report location clearly and in accordance with any State requirements)*
At surface 810 FSL, 760 FEL, Sec. 20-T40S-R23E
At top prod. interval reported below Same
At total depth Same

14. PERMIT NO. Same as above **DATE ISSUED**

6. LEASE DESIGNATION AND SERIAL NO.
U-27357

8. IF INDIAN, ALLOTTEE OR TRIBE NAME

7. UNIT AGREEMENT NAME

9. FARM OR LEASE NAME
Dow & Marks

10. WELL NO.
I-20

11. FIELD AND POOL, OR WILDCAT
Recapture Creek

12. SEC. T. R., M., OR BLOCK AND SURVEY OR AREA
SE/4 Sec. 20-T40S-R23E
R23E

13. COUNTY OR PARISH San Juan **14. STATE** Utah

15. DATE SPUDDED OWR 11-25-74 **16. DATE T.D. REACHED** OWR 12-4-74 **17. DATE COMPL. (Ready to prod.)** OWR 12-28-74 **18. ELEVATIONS (DF. HEB, BT. GR. ETC.)*** 4428' Gr, 4441' K.B. **19. ELEV. CASINGHEAD** 4428'

20. TOTAL DEPTH, MD & TVD 5437 **21. PLUG, BACK T.D., MD & TVD** 5398' **22. IF MULTIPLE COMPL., HOW MANY*** **23. INTERVALS DRILLED BY** Rotary Tools: All, Cable Tools: --

24. PRODUCING INTERVAL(S), OF THIS COMPLETION—TOP, BOTTOM, NAME (MD AND TVD)*
5360-5375' Ismay **25. WAS DIRECTIONAL SURVEY MADE** No

26. TYPE ELECTRIC AND OTHER LOGS RUN **27. WAS WELL CORED** No

28. CASING RECORD (Report all strings set in well)

CASING SIZE	WEIGHT, LB./FT.	DEPTH SET (MD)	HOLE SIZE	CEMENTING RECORD	AMOUNT PULLED
8-5/8"	28#	926'		IN PLACE	
4-1/2"	11.6#	5437'	7-7/8"	150 sx Class B w/50-50 Poz, 4% gel followed by 100 sx Class B neat	

29. LINER RECORD

SIZE	TOP (MD)	BOTTOM (MD)	SACKS CEMENT*	SCREEN (MD)

30. TUBING RECORD

SIZE	DEPTH SET (MD)	PACKER SET (MD)
2-3/8"	5385'	5313'

31. PERFORATION RECORD (Interval, size and number)
5360-5375' with 2 shots per foot

32. ACID, SHOT, FRACTURE, CEMENT SQUEEZE, ETC.

DEPTH INTERVAL (MD)	AMOUNT AND KIND OF MATERIAL USED
5360-5375'	15,000 gal. 28% HCl acid & overdisplace w/15,000 gal. wtr containing 2 gal 15N per 1000 gal.

33. PRODUCTION

DATE FIRST PRODUCTION	PRODUCTION METHOD (Flowing, gas lift, pumping—size and type of pump)	WELL STATUS (Producing or shut-in)
1-1-75	Pumping - 2" X 1-1/2" X 16' Gott #132	Producing

DATE OF TEST	HOURS TESTED	CHOKE SIZE	PROD'N. FOR TEST PERIOD	OIL—BBL.	GAS—MCF.	WATER—BBL.	GAS-OIL RATIO
1-5-75	24	-	→	31	80	57	2580-1

FLOW. TUBING PRESS.	CASING PRESSURE	CALCULATED 24-HOUR RATE	OIL—BBL.	GAS—MCF.	WATER—BBL.	OIL GRAVITY-API (CORR.)
17#	17#	→	31	80	57	37.8

34. DISPOSITION OF GAS (Sold, used for fuel, vented, etc.) Flared **TEST WITNESSED BY** Don Barnes

35. LIST OF ATTACHMENTS

36. I hereby certify that the foregoing and attached information is complete and correct as determined from all available records
SIGNED Bruce L. Bummer **Production Manager,**
TITLE Minerals Management Inc., Agent **1-20-75**

*(See Instructions and Spaces for Additional Data on Reverse Side)

KEPLINGER OPERATING COMPANY



February 25, 1985

State of Utah
Division of Oil, Gas & Mining
355 West North Temple
3 Triad Center, Suite 350
Salt Lake City, Utah 84180-1203

RECEIVED

FEB 27 1985

**DIVISION OF OIL
GAS & MINING**

Gentlemen:

Please address all future correspondence regarding Dow & Marks
Federal 1-20, Entity No. 08194, Utah Account No. N0350 to:

*405 23E Sec 20
API # 4303711068*

Mr. T. Keith Marks
1580 Lincoln Street
Suite 600
Denver, Colorado 80202

Yours very truly,

W.E. Landry
W.E. Landry

WEL/jag



UTAH
NATURAL RESOURCES

To: John
From: Vicki
Date: 9-24-85

- For your information and file.
- For necessary action.
- Reply directly to origin with a copy to this office.
- Please draft a reply for signature of _____ and _____

return by the following date _____

Other Amdahl has this
in PROX. Shd it be
ISMY?

2/59 Abandoned as dry hole
12/74 Reentered. Comp in ISMAY.

Currently, prod. in ISMAY.

UNITED STATES
DEPARTMENT OF THE INTERIOR

GEOLOGICAL SURVEY

SUNDRY NOTICES AND REPORTS ON WELLS

(Do not use this form for proposals to drill or deepen or plug back to a different reservoir. Use Form 9-331-C for such proposals.)

RECEIVED
JUN 06 1987

1. oil well gas well other **DIVISION OF OIL, GAS & MINING**

2. NAME OF OPERATOR
Glenn A. Dow, T. Keith Marks

3. ADDRESS OF OPERATOR
1580 Lincoln St., #600, Denver, CO 80203

4. LOCATION OF WELL (REPORT LOCATION CLEARLY. See space 17 below.)
AT SURFACE: 810FSL, 760FEL, 20-40S-20E
AT TOP PROD. INTERVAL:
AT TOTAL DEPTH:

5. LEASE
U-27357

6. IF INDIAN, ALLOTTEE OR TRIBE NAME
060930
Pow

7. UNIT AGREEMENT NAME

8. FARM OR LEASE NAME
Dow and Marks

9. WELL NO.
1-20

10. FIELD OR WILDCAT NAME
Recapture Creek

11. SEC., T., R., M., OR BLK. AND SURVEY OR AREA
SE/4 Sec20-T40S-R20E

12. COUNTY OR PARISH | 13. STATE
San Juan | Utah

14. API NO.
43-037-11068

15. ELEVATIONS (SHOW DF, KDB, AND WD)
4428 GL, 4441 KB

16. CHECK APPROPRIATE BOX TO INDICATE NATURE OF NOTICE, REPORT, OR OTHER DATA

REQUEST FOR APPROVAL TO:		SUBSEQUENT REPORT OF:	
TEST WATER SHUT-OFF	<input type="checkbox"/>		<input type="checkbox"/>
FRACTURE TREAT	<input type="checkbox"/>		<input type="checkbox"/>
SHOOT OR ACIDIZE	<input checked="" type="checkbox"/>		<input type="checkbox"/>
REPAIR WELL	<input type="checkbox"/>		<input type="checkbox"/>
PULL OR ALTER CASING	<input type="checkbox"/>		<input type="checkbox"/>
MULTIPLE COMPLETE	<input type="checkbox"/>		<input type="checkbox"/>
CHANGE ZONES	<input type="checkbox"/>		<input type="checkbox"/>
ABANDON*	<input type="checkbox"/>		<input type="checkbox"/>
(other)	<input type="checkbox"/>		<input type="checkbox"/>

(NOTE: Report results of multiple completion or zone change on Form 9-330.)

17. DESCRIBE PROPOSED OR COMPLETED OPERATIONS (Clearly state all pertinent details, and give pertinent dates, including estimated date of starting any proposed work. If well is directionally drilled, give subsurface locations and measured and true vertical depths for all markers and zones pertinent to this work.)*

Operator proposes to enter well and treat perforated interval with 1000 gal. of 15% HCl or 500 Gal. of paraffin solvent requirement for which may be indicated by examination of downhole equipment.

No approval needed for this sundry.
JRB

Subsurface Safety Valve: Manu. and Type None Set @ _____ Ft.

18. I hereby certify that the foregoing is true and correct

SIGNED Keith Marks TITLE Lessee/Operator DATE 6/6/87

(This space for Federal or State office use)

APPROVED BY _____ TITLE _____ DATE _____

CONDITIONS OF APPROVAL, IF ANY:
BLM Moab -O&2 Utah Nat. Res.-2
File

POW

UNITED STATES
DEPARTMENT OF THE INTERIOR
GEOLOGICAL SURVEY

SUNDRY NOTICES AND REPORTS ON WELLS

(Do not use this form for proposals to drill or to deepen or plug back to a different reservoir. Use Form 9-331-C for such proposals.)

1. oil well gas well other

2. NAME OF OPERATOR
Glenn A. Dow, T. Keith Marks

3. ADDRESS OF OPERATOR
1580 Lincoln St., #600, Denver, CO 80203

4. LOCATION OF WELL (REPORT LOCATION CLEARLY. See space 17 below.)
AT SURFACE: 810 FSL, 760 FEL, 20-40S-20E
AT TOP PROD. INTERVAL: 3
AT TOTAL DEPTH:

16. CHECK APPROPRIATE BOX TO INDICATE NATURE OF NOTICE, REPORT, OR OTHER DATA

REQUEST FOR APPROVAL TO:		SUBSEQUENT REPORT OF:	
TEST WATER SHUT-OFF	<input type="checkbox"/>		<input type="checkbox"/>
FRACTURE TREAT	<input type="checkbox"/>		<input type="checkbox"/>
SHOOT OR ACIDIZE	<input checked="" type="checkbox"/>		<input type="checkbox"/>
REPAIR WELL	<input type="checkbox"/>		<input type="checkbox"/>
PULL OR ALTER CASING	<input type="checkbox"/>		<input type="checkbox"/>
MULTIPLE COMPLETE	<input type="checkbox"/>		<input type="checkbox"/>
CHANGE ZONES	<input type="checkbox"/>		<input type="checkbox"/>
ABANDON*	<input type="checkbox"/>		<input type="checkbox"/>
(other)			

5. LEASE
U-27357

6. IF INDIAN, ALLOTTEE OR TRIBE NAME

7. UNIT AGREEMENT NAME
061806

8. FARM OR LEASE NAME
Dow and Marks

9. WELL NO.
1-20

10. FIELD OR WILDCAT NAME
Recapture Creek

11. SEC., T., R., M., OR BLK. AND SURVEY OR AREA
SE/4 Sec20-T40S-R20E
3

12. COUNTY OR PARISH
San Juan

13. STATE
Utah

14. API NO.
43-037-11068

15. ELEVATIONS (SHOW DF, KDB, AND WD)
4428 GL, 4441 KB

(NOTE: Report results of multiple completion or zone change on Form 9-330.)

17. DESCRIBE PROPOSED OR COMPLETED OPERATIONS (Clearly state all pertinent details, and give pertinent dates, including estimated date of starting any proposed work. If well is directionally drilled, give subsurface locations and measured and true vertical depths for all markers and zones pertinent to this work.)*

Operator proposes to enter well and treat perforated interval with 1000 gal. of 15% HCl or 500 Gal. of paraffin solvent requirement for which may be indicated by examination of downhole equipment.

Subsurface Safety Valve: Manu. and Type None Set @ _____ Ft.

18. I hereby certify that the foregoing is true and correct

SIGNED Keith Marks TITLE Lessee/Operator DATE 6/3/87

(This space for Federal or State office use)

APPROVED BY **NOTED** TITLE BRANCH OF FLUID MINERALS DATE JUN 05 1987
CONDITIONS OF APPROVAL, IF ANY:
BLM Moab -O&2 Utah Nat. Res. MOAB DISTRICT
File

RECEIVED
JUN 11 1987

*See Instructions on Reverse Side

DIVISION OF
OIL, GAS & MINING

CORRECTED

OPERATOR

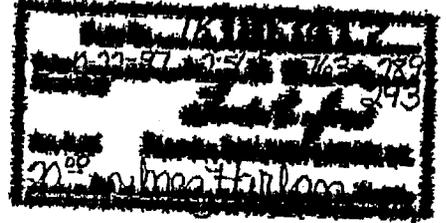
RECORDED, SAN JUAN COUNTY, UTAH

Well Name: FEDERAL #1-20

97 OCT 22 PM 2:56

20.00

STATE OF UTAH)
)
COUNTY OF SAN JUAN) SS.



ASSIGNMENT OF OIL AND GAS LEASES AND BILL OF SALE

KNOW ALL MEN BY THESE PRESENTS: THAT This Assignment and Bill of Sale, is made this 8th day of October, 1997, from T. KEITH MARKS, an individual, 1775 Sherman Street, Suite 2990, Denver, Colorado 80203 and DOW OIL CORPORATION, a Colorado corporation, P. O. Box 897, Windsor, California 95492 (hereinafter collectively referred to as "ASSIGNOR") to CULLUM OIL AND GAS, INC., a Colorado corporation, 17409 CO. Rd. G, Cortez, Colorado 81321 (hereinafter referred to as "ASSIGNEE").

WITNESSETH:

WHEREAS, ASSIGNOR is the owner and holder of an undivided working interest in and to the oil and gas leases described on Exhibit "A" (hereinafter referred to as the "Subject Leases"), attached hereto and made a part hereof by this reference; and

WHEREAS, ASSIGNOR is the owner and holder of a like undivided working interest in and to the Federal #1-20 well located on Subject Leases in the SE/4 of Section 20, Township 40 South, Range 23 East, San Juan County, Utah (hereinafter referred to as the "Subject Well").

WHEREAS, ASSIGNOR desires to assign to ASSIGNEE all of ASSIGNOR'S right, title and interest in and to the Subject Leases and the Subject Well as provided for herein.

NOW, THEREFORE, in consideration of the sum of TEN DOLLARS (\$10.00) and other good and valuable consideration, the receipt and sufficiency of which are hereby acknowledged, ASSIGNOR does hereby sell, assign, set over, transfer and convey unto ASSIGNEE, all of ASSIGNOR'S right, title and interest in and to the Subject Leases and in and to the equipment, installations, fixtures, above ground and downhole equipment, piping, instruments, pipelines, production vessels and improvements now thereon, or used in connection with the production of hydrocarbons from the Subject Well, provided however, that this Assignment and Bill of Sale is made and shall in all respects be subject to the following:

- 1) The terms and provisions of the Subject Leases, including ASSIGNEE'S proportionate share of both landowner's royalty and any existing overriding royalties of record.
- 2) If ASSIGNOR'S interest in the Subject Leases is less than the entire interest, or if the Subject Leases covers less than the entire fee title, then the interest assigned herein shall be reduced proportionately.
- 3) This Assignment and Bill of Sale is made without warranty of title, either express or implied.
- 4) This Assignment and Bill of Sale is subject to all contracts, assignments, right-of-way, encumbrances, agreements and other lease burdens, whether recorded or unrecorded, which affect the Subject Leases and Subject Well.

Noted: 10-22-97

Handwritten mark or signature.

- 5) ASSIGNEE agrees to comply with all applicable bond requirements, and to assume all of ASSIGNOR'S responsibility for the Subject Leases and the Subject Well as they relate to the lands used in connection therewith, including the proper plugging and abandoning of the Subject Well and surface restoration of the lands as nearly as practicable to their original condition.
- 6) ASSIGNEE further agrees to protect, defend, indemnify and hold ASSIGNOR, its officers and employees, free and harmless from and against all damages, claims, costs, expenses and liabilities of every kind and character whatsoever arising out of or in connection with the Subject Leases, and the Subject Well and the equipment, fixtures, facilities, materials and improvements hereby conveyed, which relate to acts or events on and after the Effective Date of this Assignment and Bill of Sale.
- 7) ASSIGNOR makes no warranty, either express or implied, as to any of the rights, titles or interests hereby conveyed, or as to the condition or ability of the Subject Leases and Subject Well to produce. Furthermore, ASSIGNOR EXPRESSLY DISCLAIMS AND NEGATES ANY IMPLIED OR EXPRESS WARRANTY OF MERCHANTABILITY, AND IMPLIED OR EXPRESS WARRANTY OF FITNESS FOR A PARTICULAR PURPOSE, AND ANY IMPLIED OR EXPRESS WARRANTY OF CONFORMITY TO MODELS OR SAMPLES OF MATERIALS AS TO ALL EQUIPMENT, FIXTURES, FACILITIES, MATERIALS AND IMPROVEMENTS HEREBY CONVEYED TO ASSIGNEE. All such equipment, fixtures, facilities, materials and improvements are conveyed to ASSIGNEE AS IS, WHERE IS, AND WITH ALL FAULTS. ASSIGNOR disclaims any liability arising in connection with the presence of naturally occurring radioactive material, man-made material fibers or any other hazardous material on the Subject Well and/or Subject Leases.
- 8) This Assignment and Bill of Sale shall be binding upon and inure to the benefit of the heirs, personal representatives, successors and assigns of the parties hereto, and the terms, provisions and conditions herein contained shall be considered as covenants running with the ownership of the oil and gas leasehold estate covered by the Subject Leases.
- 9) The Effective Date of this Assignment and Bill of Sale shall be the 1st day of November, 1997, at 7:00 a.m., local time, at the respective location of the Subject Well. ASSIGNEE shall assume liability for the value of any overproduction or underproduction of natural gas which is attributable to the interests as of the Effective Date under any operating agreement, gas balancing agreement, gas processing or storage or dehydration agreement or other similar agreement. All crude oil, if any, attributable to ASSIGNOR'S interest, which on the Effective Date is held in production tanks located on the lands covered by the Subject Leases shall be and remain the property of ASSIGNOR.

TO HAVE AND HOLD unto ASSIGNEE, its heirs, personal representatives, successors and assigns, but subject to the terms, covenants and conditions set forth above.

IN WITNESS WHEREOF, ASSIGNOR has executed and delivered and ASSIGNEE has accepted and agreed to this Assignment and Bill of Sale as of the day and year first written above but shall be effective for all purposes as of the Effective Date.

WITNESS:

E. Patricia Shisler
Elizabeth C. DeLaRosa

ASSIGNOR:

T. Keith Marks
T. Keith Marks



DOW OIL CORPORATION

Glenn A. Dow
Glenn A. Dow, Secretary

By: Marybeth T. Dow
Marybeth T. Dow, President

ATTEST:

ASSIGNEE:

CULLUM OIL AND GAS, INC.

By: Shirley Cullum
Shirley Cullum, Secy.

By: Max Cullum
Max Cullum, President

STATE OF COLORADO)
COUNTY OF DENVER) ss.

The foregoing instrument was acknowledged before me this 8th day of October, 1997 by T. KEITH MARKS. Witness my hand and official seal.



Janet L. Frase
Notary Public

My Commission Expires:

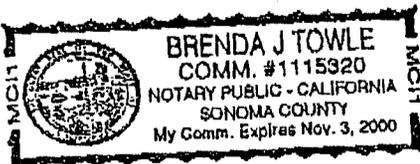
ACKNOWLEDGEMENT (for use by Corporation)

STATE OF California)
COUNTY OF Sonoma) ss.

The foregoing instrument was acknowledged before me this 14th day of October, 1997 by Marybeth T. Dow, as President of DOW OIL CORPORATION. Witness my hand and official seal.

Brenda J Towle
Notary Public

My Commission Expires:



ACKNOWLEDGEMENT (for use by Corporation)

STATE OF Colorado)
COUNTY OF Montezuma) SS.

The foregoing instrument was acknowledged before me this 22nd day of October, 1997 by Max Cullum, as President of CULLUM OIL AND GAS, INC.
Witness my hand and official seal.



Duann Meyer
Notary Public
Commission Expires: 12/22/97

Attached to and made a part of that certain Assignment of Oil and Gas Leases and Bill of Sale, by and between T. Keith Marks and Dow Oil Corporation, as Assignor, and Cullum Oil and Gas, Inc., as Assignee, dated EFFECTIVE November 1, 1997.

EXHIBIT "A"

COUNTY OF SAN JUAN, STATE OF UTAH

Lease Number: UT021.001
Lessor: USA-U-27357
Lessee: Glenn A. Dow and T. Keith Marks
Lease Date: 9/1/74
Recorded: Book 528, Page 392
Description: Township 40 South, Range 23 East, SL Mer.
Section 20: E/2SE/4
containing 80.00 acres, more or less

Lease Number: UT021.002
Lessor: USA-U-39729 (Right-of-Way)
Lessee: Glenn A. Dow, et al
Lease Date: 12/15/82
Recorded: N/A
Description: Township 40 South, Range 23 East, SLBM
Section 20: SW/4NE/4, NW/4SE/4

UNITED STATES
DEPARTMENT OF THE INTERIOR
BUREAU OF LAND MANAGEMENT

FORM APPROVED
OMB NO. 1004-0034
Expires: September 30, 1996

ASSIGNMENT OF RECORD TITLE INTEREST IN A
LEASE FOR OIL AND GAS OR GEOTHERMAL RESOURCES

Mineral Leasing Act of 1920 (30 U.S.C. 181 et seq.)
Act for Acquired Lands of 1947 (30 U.S.C. 351-359)
Geothermal Steam Act of 1970 (30 U.S.C. 1001-1025)
Department of the Interior Appropriations Act, Fiscal Year 1981 (42 U.S.C. 6508)

Lease Serial No.
USA-U-27357
Lease Effective Date
(Anniversary Date)
9/1/74
New Serial No.

Type or print plainly in ink and sign in ink.

PART A: ASSIGNMENT

1. Assignee*
Street Cullum Oil and Gas, Inc. (100%)
City, State, ZIP Code 17409 CO. Rd. G
Cortez, Colorado 81321

*If more than one assignee, check here and list the name(s) and address(es) of all additional assignees on the reverse of this form or on a separate attached sheet of paper.

This record title assignment is for: (Check one) Oil and Gas Lease, or Geothermal Lease

Interest conveyed: (Check one or both, as appropriate) Record Title, Overriding Royalty, payment out of production or other similar interests or payments

2. This assignment conveys the following interest:

Land Description	Percent of Interest			Percent of Overriding Royalty or Similar Interests	
	Owned	Conveyed	Retained	Reserved	Previously reserved or conveyed
	b	c	d		
Township 40 South, Range 23 East, SL Mer. Section 20: E/2SE/4 Containing 80.00 acres, more or less San Juan County, UTAH	100%	100%	∅	∅	3.0%

FOR BLM USE ONLY—DO NOT WRITE BELOW THIS LINE

UNITED STATES OF AMERICA

This assignment is approved solely for administrative purposes. Approval does not warrant that either party to this assignment holds legal or equitable title to this lease.

Assignment approved for above described lands;

Assignment approved for attached land description

Assignment approved effective _____

Assignment approved for land description indicated on reverse of this form.

By _____
(Authorized Officer)

(Title)

PART C: GENERAL INSTRUCTIONS

- Assignor/Assignee(s) must complete Parts A1 and A2 and Part B. All parties to assignment must sign as follows: The assignor(s) must manually sign 3 original copies and the assignee(s) must manually sign at least 1 of the 3 original copies. File three (3) completed copies of this form in the proper BLM office for each assignment of record title. For a transfer of overriding royalty interest, payment out of production or other similar interest or payment, file one (1) manually signed copy of this form. The required filing fee (nonrefundable) must accompany the assignment. File assignment within ninety (90) days after date of execution of assignor.
- Separate form must be used for each lease being affected by this assignment and for each type of interest conveyed.
- In Item No. 2 of Part A, describe lands affected (See 43 CFR 3106, 3135, or 3241). For columns b, c, d, and e, enter the interest expressed as a percentage of total interest in the lease; e.g., if assignor assigns one quarter of a 20% interest, enter 20% in column b, 5% in column c, and 15% in column d.
- If assignment is to more than one assignee, enter each assignee's name across columns d, e, and f next to the respective interest being conveyed. Also list names and addresses of any additional assignee(s) on reverse of this form or on a separate attached sheet of paper.
- If any payment out of production or similar interests, arrangements or payments have previously been created out of the interest being assigned, or if any such payments or interests are reserved under this assignment, include a statement giving full details as to amount, method of payment, and other pertinent terms as provided under 43 CFR 3106, 3135, or 3241.
- The lease account must be in good standing before this assignment can be approved as provided under 43 CFR 3106 and 3241.
- Assignment, if approved, takes effect on the first day of the month following the date of filing in the proper BLM office. If a bond is necessary, it must be furnished prior to approval of the assignment.
- Approval of assignment of record title to 100% of a portion of the leased lands creates separate leases of the retained and the assigned portions, but does not change the terms and conditions of the lease anniversary date for purposes of payment of annual rental.
- Overriding royalty, payment out of production or other similar types of transfers must be filed with BLM, but will be accepted for record purposes only. No official approval will be given.

PAPERWORK REDUCTION ACT STATEMENT

1. This information is being collected pursuant to the law.
2. This information will be used to create and maintain a record of oil and gas/geothermal lease activity.
3. Response to this request is required to obtain benefit.

NOTICE

The Privacy Act of 1974 and the regulation in 43 CFR 2.48(d) provide that you be furnished the following information in connection with information required by this oil and gas/geothermal lease record title assignment application.

AUTHORITY: 30 U.S.C. 181 et seq; 30 U.S.C. 1001-1025; 42 U.S.C. 6508

PRINCIPAL PURPOSE—The information is to be used to process record title assignments for oil and gas/geothermal resources leases.

ROUTINE USES:

- (1) The adjudication of the assignee's rights to the land or resources.
- (2) Documentation for public information in support of notations made on land records for the management, disposal, and use of public lands and resources.
- (3) Transfer to appropriate Federal agencies when concurrence is required prior to granting a right in public lands or resources.
- (4)(5) Information from the record and/or the record will be transferred to appropriate Federal, State, local or foreign agencies, when relevant to civil, criminal or regulatory investigations or prosecutions.

EFFECT OF NOT PROVIDING INFORMATION—If all requested information is not provided, the assignment may not be approved. See regulation 43 CFR Groups 3100 and 3200.

Tear

Tear

Tear

Part A (Continued): ADDITIONAL SPACE for Names and addresses of additional assignees in Item No. 1, if needed, or for Land Description in Item No. 2, if needed.

Executed this 14th day of October, 1997.

ASSIGNOR:

T. Keith Marks
 T. Keith Marks (60%)
 1775 Sherman Street, Suite 2990
 Denver, CO 80203

PART B: CERTIFICATION AND REQUEST FOR APPROVAL

1. The Assignor certifies as owner of an interest in the above designated lease that he/she hereby assigns to the above assignee(s) the rights specified above.
2. Assignee certifies as follows: (a) Assignee is a citizen of the United States; an association of such citizens; a municipality; or a corporation organized under the laws of the United States or of any State or territory thereof. For the assignment of NPR-A leases, assignee is a citizen, national, or resident alien of the United States or association of such citizens, nationals, resident aliens or private, public or municipal corporations, (b) Assignee is not considered a minor under the laws of the State in which the lands covered by this assignment are located; (c) Assignee's chargeable interests, direct and indirect, in each public domain or acquired lands separately in the same State, do not exceed 246,080 acres in oil and gas leases (of which up to 200,000 acres may be in oil and gas options), or 300,000 acres in leases in each leasing District in Alaska of which up to 200,000 acres may be in options, if this is an oil and gas lease issued in accordance with the Mineral Leasing Act of 1920, or 51,200 acres in any one State if this is a geothermal lease; (d) All parties holding an interest in the assignment are otherwise in compliance with the regulations (43 CFR Group 3100 or 3200) and the authorizing Acts; (e) Assignee is in compliance with reclamation requirements for all Federal oil and gas lease holdings as required by sec. 17(g) of the Mineral Leasing Act; and (f) Assignee is not in violation of sec. 41 of the Mineral Leasing Act.
3. Assignee's signature to this assignment constitutes acceptance of all applicable terms, conditions, stipulations and restrictions pertaining to the lease described herein.

For geothermal assignments, an overriding royalty may not be less than one-fourth (1/4) of one percent of the value of output, nor greater than 50 percent of the rate of royalty due to the United States when this assignment is added to all previously created overriding royalties (43 CFR 3241).

I certify that the statements made herein by me are true, complete, and correct to the best of my knowledge and belief and are made in good faith.

Executed this 14th day of October, 1997 Executed this _____ day of _____, 1997.

Name of Assignor as shown on current lease Glenn A. Dow (40%)
T. Keith Marks (60%) Cullum Oil and Gas, Inc. (100%)
Please type or print

Assignor *Marybeth T. Dow*
 or Dow Oil Corporation (Signature) (40%)
Marybeth T. Dow, President
 (Signature)

Assignee _____
 or _____ (Signature)
Max Cullum, President
 (Signature)

P. O. Box 897
 (Assignor's Address)
Windsor, CA 95492
 (City) (State) (Zip Code)

17409 CO. Rd. G
 Cortez, CO 81321

Public reporting burden for this form is estimated to average 30 minutes per response including the time for reviewing instructions, gathering and maintaining data, and completing and reviewing the form. Direct comments regarding the burden estimate or any other aspect of this form to U.S. Department of the Interior, Bureau of Land Management, Bureau Clearance Officer (DW-110), Denver Federal Center, Building 40, P.O. Box 25047, Denver, CO 80225-0047 and the Office of Management and Budget, Paperwork Reduction Project (1004-0034), Washington, D.C. 20503.

Title 18 U.S.C. Sec. 1001 makes it a crime for any person knowingly and willfully to make to any Department or agency of the United States any false, fictitious or fraudulent statements or representations as to any matter within its jurisdiction.



T H E M A R K S C O M P A N I E S
.....

T. KEITH MARKS, OIL AND GAS PRODUCER

MARKS OIL, INC.

MARKS ENERGY, INC.

December 8, 1997

Lisha Cordova
Division of Oil & Gas Mining
1594 West North Temple
Suite 1210
Salt Lake City, UT 84114-5801

Re: Sundry Notice
Change of Operator
Federal #1-20 Well
San Juan County, UT
API #430371106800

Dear Lisha:

As a follow-up to our conversation, enclosed is our original executed Sundry Notice for the above referenced well.

Everything should now be filed and approved. If you have any questions, or you are missing anything further, please do not hesitate to let us know.

Thank you for all your help.

Sincerely,

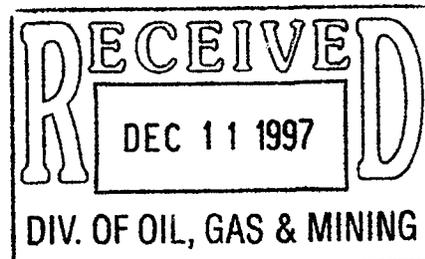
T. KEITH MARKS

Janet L. Frase
Contract Land Records Manager

/jlf

Enclosures

c: Cullum Oil & Gas, Inc.



UNITED STATES
DEPARTMENT OF THE INTERIOR
BUREAU OF LAND MANAGEMENT

FORM APPROVED
OMB No. 1004-0135
Expires July 31, 1996

SUNDRY NOTICES AND REPORTS ON WELLS

Do not use this form for proposals to drill or to re-enter an abandoned well. Use Form 3160-3 (APD) for such proposals.

5. Lease Serial No.
UT-U-27357

6. If Indian, Allottee or Tribe Name

7. If Unit or CA/Agreement, Name and/or No.

8. Well Name and No.
Federal #1-20

9. API Well No.
430371106800

10. Field and Pool, or Exploratory Area
Recapture Creek Field

11. County or Parish, State
San Juan County, Utah

SUBMIT IN TRIPLICATE - Other instructions on reverse side

1. Type of Well
 Oil Well Gas Well Other

2. Name of Operator
Dow & Marks (Dow Oil Corporation & T. Keith Marks)

3a. Address 1775 Sherman Street, Suite 2990, Denver, CO 80203

3b. Phone No. (include area code)
(303) 861-1974

4. Location of Well (Footage, Sec., T., R., M., or Survey Description)
(810' FSL, 760' FEL) SE/4 SE/4 Sec 20-T40S-R23E

12. CHECK APPROPRIATE BOX(ES) TO INDICATE NATURE OF NOTICE, REPORT, OR OTHER DATA

TYPE OF SUBMISSION	TYPE OF ACTION			
<input type="checkbox"/> Notice of Intent	<input type="checkbox"/> Acidize	<input type="checkbox"/> Deepen	<input type="checkbox"/> Production (Start/Resume)	<input type="checkbox"/> Water Shut-Off
<input type="checkbox"/> Subsequent Report	<input type="checkbox"/> Alter Casing	<input type="checkbox"/> Fracture Treat	<input type="checkbox"/> Reclamation	<input type="checkbox"/> Well Integrity
<input type="checkbox"/> Final Abandonment Notice	<input type="checkbox"/> Casing Repair	<input type="checkbox"/> New Construction	<input type="checkbox"/> Recomplete	<input checked="" type="checkbox"/> Other <u>Change</u>
	<input type="checkbox"/> Change Plans	<input type="checkbox"/> Plug and Abandon	<input type="checkbox"/> Temporarily Abandon	<u>of Operator</u>
	<input type="checkbox"/> Convert to Injection	<input type="checkbox"/> Plug Back	<input type="checkbox"/> Water Disposal	

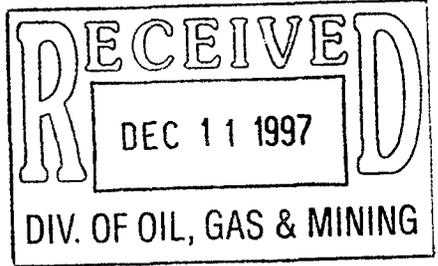
13. Describe Proposed or Completed Operation (clearly state all pertinent details, including estimated starting date of any proposed work and approximate duration thereof. If the proposal is to deepen directionally or recomplete horizontally, give subsurface locations and measured and true vertical depths of all pertinent markers and zones. Attach the Bond under which the work will be performed or provide the Bond No. on file with BLM/BIA. Required subsequent reports shall be filed within 30 days following completion of the involved operations. If the operation results in a multiple completion or recompletion in a new interval, a Form 3160-4 shall be filed once testing has been completed. Final Abandonment Notices shall be filed only after all requirements, including reclamation, have been completed, and the operator has determined that the site is ready for final inspection.)

COMMENTS:

SOLD 100% and transferred Operations to:

Cullum Oil & Gas, Inc.
17409 Co. Rd. G
Cortez, CO 81321
Phone: 970-565-8759

EFFECTIVE: 11/1/97



14. I hereby certify that the foregoing is true and correct

Name (Printed/Typed) T. Keith Marks Title Owner

Signature [Signature] Date 10/31/97

THIS SPACE FOR FEDERAL OR STATE OFFICE USE

Approved by _____ Title _____ Date _____

Conditions of approval, if any, are attached. Approval of this notice does not warrant or certify that the applicant holds legal or equitable title to those rights in the subject lease which would entitle the applicant to conduct operations thereon. Office _____

Title 18 U.S.C. Section 1001, makes it a crime for any person knowingly and willfully to make to any department or agency of the United States any false, fictitious or fraudulent statements or representations as to any matter within its jurisdiction.

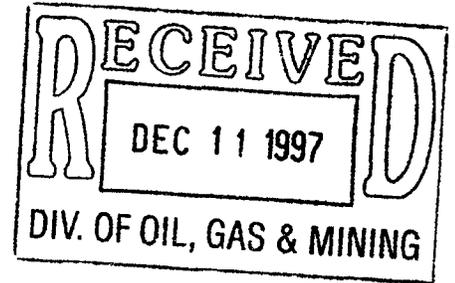


T H E M A R K S C O M P A N I E S
.....

T. KEITH MARKS, OIL AND GAS PRODUCER

MARKS OIL, INC.

MARKS ENERGY, INC.



December 7, 1997

***Federal #1-20 Well
San Juan County, UTAH***

***TO: Utah Natural Resources
Division of Oil, Gas & Mining
1594 West North Temple, Suite 1210
P. O. Box 145801
Salt Lake City, UT 84114-5801***

NOTICE

This will be the FINAL report received from Dow and Marks (Dow Oil Corporation and T. Keith Marks), regarding the above well.

EFFECTIVE November 1, 1997, Cullum Oil and Gas, Inc., 17409 CO. Rd. G., Cortez, CO 81321 (Phone: 970-565-8759), purchased 100% working interest and also became the NEW OPERATOR.

Attached are copies of the Assignments for your files. Thank you.

OUR FILE

Form 3160-5
(November 1983)
(Formerly 9-331)

UNITED STATES
DEPARTMENT OF THE INTERIOR
BUREAU OF LAND MANAGEMENT

SUBMIT IN TRIPPLICATE*
(Other instructions on re-
verse side)

Form approved.
Budget Bureau No. 1004-0135
Expires August 31, 1985

SUNDRY NOTICES AND REPORTS ON WELLS

(Do not use this form for proposals to drill or to deepen or plug back to a different reservoir.
Use "APPLICATION FOR PERMIT-" for such proposals.)

1. <input type="checkbox"/> OIL WELL <input checked="" type="checkbox"/> GAS WELL <input type="checkbox"/> OTHER		3. LEASE DESIGNATION AND SERIAL NO. U-27357	
2. NAME OF OPERATOR CULLUM OIL AND GAS INC.		4. OF INDIAN, ALLOTTEE OR TRIBE NAME	
3. ADDRESS OF OPERATOR 17409 CO. RD. G, CORTEZ, COLORADO 81321		7. UNIT AGREEMENT NAME	
4. LOCATION OF WELL (Report location clearly and in accordance with any State requirements.* See also space 17 below.) At surface TOWNSHIP 40 SOUTH, RANGE 23 EAST, S1E1M SE/4 SE/4		8. FARM OR LEASE NAME RECAPTURE CREEK FIELD	
14. PERMIT NO.		9. WELL NO. #1-20 FEDERAL	
15. ELEVATIONS (Show whether DT, RT, OR, etc.)		10. FIELD AND BOGOL, OR WILDCAT	
		11. SEC. T. R. M. OR BLM. AND ACREAGE OR AREA SEC. 20-T40S-R23E	
		17. COUNTY OR PARISH SAN JUAN	18. STATE UTAH

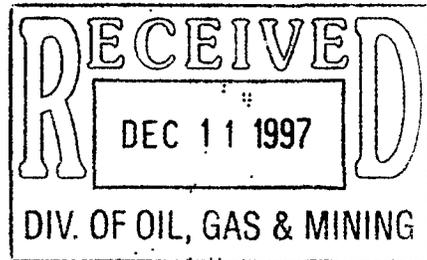
16. Check Appropriate Box To Indicate Nature of Notice, Report, or Other Data

NOTICE OF INTENTION TO:		SUBSEQUENT REPORT OF:	
TEST WATER SHUT-OFF <input type="checkbox"/>	FULL OR ALTER CASING <input type="checkbox"/>	WATER SHUT-OFF <input type="checkbox"/>	REPAIRING WELL <input type="checkbox"/>
FRACTURE TREAT <input type="checkbox"/>	MULTIPLE COMPLETE <input type="checkbox"/>	FRACTURE TREATMENT <input type="checkbox"/>	ALTERING CASING <input type="checkbox"/>
SHOOT OR ACIDIZE <input type="checkbox"/>	ABANDON* <input type="checkbox"/>	SHOOTING OR ACIDIZING <input type="checkbox"/>	ABANDONMENT* <input type="checkbox"/>
REPAIR WELL <input type="checkbox"/>	CHANGE PLANS <input type="checkbox"/>	(Other) CHANGE OF OPERATOR <input checked="" type="checkbox"/>	
(Other) <input type="checkbox"/>		(NOTE: Report results of multiple completion on Well Completion or Recompletion Report and Log form.)	

17. DESCRIBE PROPOSED OR COMPLETED OPERATIONS (Clearly state all pertinent details, and give pertinent dates, including estimated date of starting and proposed work. If well is directionally drilled, give subsurface locations and measured and true vertical depths for all markers and spots pertinent to this work.)

CULLUM OIL AND GAS has assumed operatorship of the referenced well from:
DOW OIL CORPORATION AND T. KEITH MARKS
1775 Sherman Street, Suite 2990
Denver, CO. 80203
EFFECTIVE DATE NOVEMBER 1, 1997

ALSO: U-39729 (RIGHT-OF-WAY)
TOWNSHIP 40 SOUTH, RANGE 23 EAST, S1E1M



18. I hereby certify that the foregoing is true and correct
SIGNED [Signature] TITLE PRESIDENT DATE 11/21/97

(This space for Federal or State office use)
APPROVED BY _____ TITLE _____ DATE _____
CONDITIONS OF APPROVAL, IF ANY:

*See Instructions on Reverse Side

**UNITED STATES
DEPARTMENT OF THE INTERIOR
BUREAU OF LAND MANAGEMENT**

SUBMIT IN TRIPLICATE*
(Other instructions on reverse side)

Form approved.
Budget Bureau No. 1004-0135
Expires August 31, 1985

5. LEASE DESIGNATION AND SERIAL NO.

U-27357

6. IF INDIAN, ALLOTTEE OR TRIBE NAME

SUNDRY NOTICES AND REPORTS ON WELLS

(Do not use this form for proposals to drill or to deepen or plug back to a different reservoir. Use "APPLICATION FOR PERMIT--" for such proposals.)

1. OIL WELL GAS WELL OTHER

7. UNIT AGREEMENT NAME

2. NAME OF OPERATOR

CULLUM OIL AND GAS INC.

8. FARM OR LEASE NAME

RECAPTURE CREEK FIELD

3. ADDRESS OF OPERATOR

17409 CO. RD. G. CORTEZ, COLORADO 81321

9. WELL NO.

#1-20 FEDERAL

4. LOCATION OF WELL (Report location clearly and in accordance with any State requirements.* See also space 17 below.)
At surface

10. FIELD AND POOL, OR WILDCAT

TOWNSHIP 40 SOUTH, RANGE 23 EAST, SLBM
SE/4 SE/4

11. SEC., T., R., M., OR BLK. AND SURVEY OR AREA

SEC. 20-T40S-R23E

14. PERMIT NO.

43-037-11068

15. ELEVATIONS (Show whether DF, ST, GR, etc.)

12. COUNTY OR PARISH

SAN JUAN

13. STATE

UTAH

16. Check Appropriate Box To Indicate Nature of Notice, Report, or Other Data

NOTICE OF INTENTION TO:

TEST WATER SHUT-OFF	<input type="checkbox"/>	PULL OR ALTER CASING	<input type="checkbox"/>
FRACTURE TREAT	<input type="checkbox"/>	MULTIPLE COMPLETE	<input type="checkbox"/>
SHOOT OR ACIDIZE	<input type="checkbox"/>	ABANDON*	<input type="checkbox"/>
REPAIR WELL	<input type="checkbox"/>	CHANGE PLANS	<input type="checkbox"/>
(Other)			

SUBSEQUENT REPORT OF:

WATER SHUT-OFF	<input type="checkbox"/>	REPAIRING WELL	<input type="checkbox"/>
FRACTURE TREATMENT	<input type="checkbox"/>	ALTERING CASING	<input type="checkbox"/>
SHOOTING OR ACIDIZING	<input type="checkbox"/>	ABANDONMENT*	<input type="checkbox"/>
(Other) CHANGE OF OPERATOR			<input checked="" type="checkbox"/>

(NOTE: Report results of multiple completion on Well Completion or Recompletion Report and Log form.)

17. DESCRIBE PROPOSED OR COMPLETED OPERATIONS (Clearly state all pertinent details, and give pertinent dates, including estimated date of starting any proposed work. If well is directionally drilled, give subsurface locations and measured and true vertical depths for all markers and zones pertinent to this work.)*

CULLUM OIL AND GAS has assumed operatorship of the referenced well from:

DOW OIL CORPORATION AND T. KEITH MARKS
1775 Sherman Street, Suite 2990
Denver, CO. 80203

EFFECTIVE DATE NOVEMBER 1, 1997

ALSO: U-39729 (RIGHT-OF-WAY)
TOWNSHIP 40 SOUTH, RANGE 23 EAST, SLBM

RECEIVED
DEC 22 1997
BUREAU OF LAND MANAGEMENT

DEC 24 PM 1:12
BUREAU OF LAND MGMT

18. I hereby certify that the foregoing is true and correct

SIGNED Brad D. Palmer

TITLE PRESIDENT

DATE 11/21/97

(This space for Federal or State office use)
Brad D. Palmer

APPROVED BY _____
CONDITIONS OF APPROVAL, IF ANY:

TITLE Assistant Field Manager,
Resource Management

DATE DEC 22 1997

CONDITIONS OF APPROVAL ATTACHED
*See Instructions on Reverse Side



State of Utah
DEPARTMENT OF NATURAL RESOURCES
DIVISION OF OIL, GAS AND MINING

Michael O. Leavitt
Governor

Ted Stewart
Executive Director

James W. Carter
Division Director

1594 West North Temple, Suite 1210
Box 145801

Salt Lake City, Utah 84114-5801
801-538-5340

801-359-3940 (Fax)
801-538-7223 (TDD)

December 26, 1997

Max Cullum
Cullum Oil And Gas Inc.
17409 County Road G
Cortez, Colorado 81321

Re: Operator Change - Marks, T. Keith to Cullum Oil And Gas Inc.
Federal 1-20 Well, API No. 43-037-11068, Section 20,
Township 40 South, Range 23 East, San Juan County, Utah.

Dear Mr. Cullum:

In reviewing the above referenced operator change, it was determined that your company is not currently registered with the Utah Department of Commerce. This letter is written to advise you of your responsibility to register with the state prior to conducting business within Utah. This can be accomplished by contacting:

Department of Commerce
Division of Corporations
160 East 300 South
Salt Lake City, Utah 84111
(801)530-4849

Sincerely,

A handwritten signature in cursive script that reads "Lisha Cordova".

Lisha Cordova
Admin. Analyst

cc: Department of Commerce
Operator File(s)
Well File

OPERATOR CHANGE WORKSHEET

Attach all documentation received by the division regarding this change.
Initial each listed item when completed. Write N/A if item is not applicable.

Routing	
1-LEC	6-LEC
2-GLH	7-KAS
3-DPS	8-SI
4-VLD	9-FILE
5-JRB	

- Change of Operator (well sold) Designation of Agent
 Designation of Operator Operator Name Change Only

The operator of the well(s) listed below has changed, effective: 11-1-97

TO: (new operator)	<u>CULLUM OIL AND GAS INC</u>	FROM: (old operator)	<u>MARKS, T KEITH</u>
(address)	<u>17409 COUNTY RD G</u>	(address)	<u>1775 SHERMAN ST #2990</u>
	<u>CORTEZ CO 81321</u>		<u>DENVER CO 80203</u>
	<u>MAX CULLUM</u>		
Phone:	<u>(970)565-8759</u>	Phone:	<u>(303)861-1974</u>
Account no.	<u>N3125</u>	Account no.	<u>N0350</u>

WELL(S) attach additional page if needed:

Name: <u>FEDERAL 1-20/ISMY</u>	API: <u>43-037-11068</u>	Entity: <u>8194</u>	S	<u>20</u>	T	<u>40S</u>	R	<u>23E</u>	Lease: <u>U27357</u>
Name: _____	API: _____	Entity: _____	S	_____	T	_____	R	_____	Lease: _____
Name: _____	API: _____	Entity: _____	S	_____	T	_____	R	_____	Lease: _____
Name: _____	API: _____	Entity: _____	S	_____	T	_____	R	_____	Lease: _____
Name: _____	API: _____	Entity: _____	S	_____	T	_____	R	_____	Lease: _____
Name: _____	API: _____	Entity: _____	S	_____	T	_____	R	_____	Lease: _____

OPERATOR CHANGE DOCUMENTATION

1. (r649-8-10) Sundry or other legal documentation has been received from the FORMER operator (attach to this form). *(rec'd 12-11-97)*
2. (r649-8-10) Sundry or other legal documentation has been received from the NEW operator (Attach to this form). *(rec'd 12-8-97)*
3. The Department of Commerce has been contacted if the new operator above is not currently operating any wells in Utah. Is the company registered with the state? (yes/no) yes If yes, show company file number: _____
**Letter mailed 12-26-97.*
4. FOR INDIAN AND FEDERAL WELLS ONLY. The BLM has been contacted regarding this change. Make note of BLM status in comments section of this form. BLM approval of Federal and Indian well operator changes should ordinarily take place prior to the division's approval, and before the completion of steps 5 through 9 below.
5. Changes have been entered in the Oil and Gas Information System (3270) for each well listed above. *(12-26-97)*
6. Cardex file has been updated for each well listed above. *(12-26-97)*
7. Well file labels have been updated for each well listed above. *(12-26-97)*
8. Changes have been included on the monthly "Operator, Address, and Account Changes" memo for distribution to Trust Lands, Sovereign Lands, UGS, Tax Commission, etc. *(12-26-97)*
9. A folder has been set up for the Operator Change file, and a copy of this page has been placed there for reference during routing and processing of the original documents.

ENTITY REVIEW

- Yes 1. (r649-8-7) Entity assignments have been reviewed for all wells listed above. Were entity changes made? (yes/no) no If entity assignments were changed, attach copies of Form 6, Entity Action Form.
- N/A 2. Trust Lands, Sovereign Lands, Tax Commission, etc., have been notified through normal procedures of entity changes.

BOND VERIFICATION - (FEE WELLS ONLY)

- N/A 1. (r649-3-1) The NEW operator of any fee lease well listed above has furnished a proper bond.
- Yes 2. A copy of this form has been placed in the new and former operator's bond files.
3. The FORMER operator has requested a release of liability from their bond (yes/no) , as of today's date . If yes, division response was made to this request by letter dated .

LEASE INTEREST OWNER NOTIFICATION OF RESPONSIBILITY

- N/A 1. Copies of documents have been sent on to at Trust Lands for changes involving State leases, in order to remind that agency of their responsibility to review for proper bonding.
- N/A 2. (r649-2-10) The former operator of any fee lease wells listed above has been contacted and informed by letter dated 12/23/97 19 , of their responsibility to notify all interest owners of this change.

FILMING

- Yes 1. All attachments to this form have been microfilmed. Today's date: 1.20.98.

FILING

1. Copies of all attachments to this form have been filed in each well file.
2. The original of this form, and the original attachments are now being filed in the Operator Change file.

COMMENTS

Division of Oil, Gas and Mining
OPERATOR CHANGE WORKSHEET (for state use only)

ROUTING

CDW

X - Change of Operator (Well Sold)

Operator Name Change/Merger

The operator of the well(s) listed below has changed, effective:

9/1/2011

FROM: (Old Operator):
 N3125-Cullum Oil & Gas Inc
 18047 Road G
 Cortez, CO 81321

 Phone: 1 (970) 565-4289

TO: (New Operator):
 N3810-Oil & Gas Well Acquisitions, Inc
 11479 S Pine Dr, Suite 29
 Parker, CO 80134

 Phone: 1 (303) 719-4094

CA No.

Unit:

WELL NAME	SEC	TWN	RNG	API NO	ENTITY NO	LEASE TYPE	WELL TYPE	WELL STATUS
FEDERAL 1-20	20	400S	230E	4303711068	8194	Federal	OW	P
SOUTH BLUFF FED 1	13	400S	220E	4303715491	1095	Federal	OW	P
HOLMES FED 34-13	13	400S	220E	4303730602	435	Federal	OW	P
SANDIA FED 9-44	09	390S	260E	4303731371	10847	Federal	OW	P

OPERATOR CHANGES DOCUMENTATION

Enter date after each listed item is completed

- (R649-8-10) Sundry or legal documentation was received from the **FORMER** operator on: 8/31/2011
- (R649-8-10) Sundry or legal documentation was received from the **NEW** operator on: 8/31/2011
- The new company was checked on the **Department of Commerce, Division of Corporations Database** on: 8/31/2011
- 4a. Is the new operator registered in the State of Utah: Business Number: 8084767-0143
- 5a. (R649-9-2) Waste Management Plan has been received on: Requested 9/21/2011
- 5b. Inspections of LA PA state/fee well sites complete on: n/a
- 5c. Reports current for Production/Disposition & Sundries on: n/a
- Federal and Indian Lease Wells:** The BLM and or the BIA has approved the merger, name change, or operator change for all wells listed on Federal or Indian leases on: BLM not yet BIA n/a
- Federal and Indian Units:**
 The BLM or BIA has approved the successor of unit operator for wells listed on: n/a
- Federal and Indian Communization Agreements ("CA"):**
 The BLM or BIA has approved the operator for all wells listed within a CA on: n/a
- Underground Injection Control ("UIC")** Division has approved UIC Form 5 Transfer of Authority to Inject, for the enhanced/secondary recovery unit/project for the water disposal well(s) listed on: n/a

DATA ENTRY:

- Changes entered in the **Oil and Gas Database** on: 9/20/2011
- Changes have been entered on the **Monthly Operator Change Spread Sheet** on: 9/20/2011
- Bond information entered in RBDMS on: n/a
- Fee/State wells attached to bond in RBDMS on: n/a
- Injection Projects to new operator in RBDMS on: n/a
- Receipt of Acceptance of Drilling Procedures for APD/New on: n/a

BOND VERIFICATION:

- Federal well(s) covered by Bond Number: UTB000473
- Indian well(s) covered by Bond Number: n/a
- 3a. (R649-3-1) The **NEW** operator of any state/fee well(s) listed covered by Bond Number n/a
- 3b. The **FORMER** operator has requested a release of liability from their bond on: n/a

LEASE INTEREST OWNER NOTIFICATION:

- (R649-2-10) The **NEW** operator of the fee wells has been contacted and informed by a letter from the Division of their responsibility to notify all interest owners of this change on: n/a

COMMENTS:

RECEIVED

AUG 31 2011

FORM 9

STATE OF UTAH
DEPARTMENT OF NATURAL RESOURCES
DIVISION OF OIL, GAS AND MINING

DIV. OF OIL, GAS & MINING

5. LEASE DESIGNATION AND SERIAL NUMBER:
N3810

6. IF INDIAN, ALLOTTEE OR TRIBE NAME:

7. UNIT or CA AGREEMENT NAME:

8. WELL NAME and NUMBER:
FEDERAL #1 20

9. API NUMBER:
4303711068

10. FIELD AND POOL, OR WILDCAT:
RECAPTURE CREEK

SUNDRY NOTICES AND REPORTS ON WELLS

Do not use this form for proposals to drill new wells, significantly deepen existing wells below current bottom-hole depth, reenter plugged wells, or to drill horizontal laterals. Use APPLICATION FOR PERMIT TO DRILL form for such proposals.

1. TYPE OF WELL
OIL WELL GAS WELL OTHER _____

2. NAME OF OPERATOR:
OIL AND GAS WELL ACQUISITIONS, INC. N3810

3. ADDRESS OF OPERATOR: 11479 S PINE DR STE 29 PARKER CO. 80134 303 PHONE NUMBER: 719-4094

4. LOCATION OF WELL
FOOTAGES AT SURFACE: 810 FSL, 760 FEL, 20-40S-23E COUNTY: SAN JUAN
SECTION, TOWNSHIP, RANGE, MERIDIAN: SE4 20 40 23 E STATE: UTAH

CHECK APPROPRIATE BOXES TO INDICATE NATURE OF NOTICE, REPORT, OR OTHER DATA

TYPE OF SUBMISSION	TYPE OF ACTION		
<input checked="" type="checkbox"/> NOTICE OF INTENT (Submit in Duplicate) Approximate date work will start:	<input type="checkbox"/> ACIDIZE	<input type="checkbox"/> DEEPEN	<input type="checkbox"/> REPERFORATE CURRENT FORMATION
	<input type="checkbox"/> ALTER CASING	<input type="checkbox"/> FRACTURE TREAT	<input type="checkbox"/> SIDETRACK TO REPAIR WELL
	<input type="checkbox"/> CASING REPAIR	<input type="checkbox"/> NEW CONSTRUCTION	<input type="checkbox"/> TEMPORARILY ABANDON
	<input type="checkbox"/> CHANGE TO PREVIOUS PLANS	<input checked="" type="checkbox"/> OPERATOR CHANGE	<input type="checkbox"/> TUBING REPAIR
	<input type="checkbox"/> CHANGE TUBING	<input type="checkbox"/> PLUG AND ABANDON	<input type="checkbox"/> VENT OR FLARE
<input type="checkbox"/> SUBSEQUENT REPORT (Submit Original Form Only) Date of work completion:	<input type="checkbox"/> CHANGE WELL NAME	<input type="checkbox"/> PLUG BACK	<input type="checkbox"/> WATER DISPOSAL
	<input type="checkbox"/> CHANGE WELL STATUS	<input type="checkbox"/> PRODUCTION (START/RESUME)	<input type="checkbox"/> WATER SHUT-OFF
	<input type="checkbox"/> COMMINGLE PRODUCING FORMATIONS	<input type="checkbox"/> RECLAMATION OF WELL SITE	<input type="checkbox"/> OTHER: _____
	<input type="checkbox"/> CONVERT WELL TYPE	<input type="checkbox"/> RECOMPLETE - DIFFERENT FORMATION	

12. DESCRIBE PROPOSED OR COMPLETED OPERATIONS. Clearly show all pertinent details including dates, depths, volumes, etc.
 OIL AND GAS WELL ACQUISITIONS, INC. HAS ASSUMED OPERATORSHIP OF THE REFERENCED WELL FROM:
 CULLUM OIL AND GAS INC. N3125 BLM BOND UTB000473
 18047 ROAD G
 CORTEZ, CO 81321 970 565-4289
 EFFECTIVE DATE SEPTEMBER 1ST 2011

x Clay Cullum
 CLAY CULLUM POWER OF ATTORNEY FOR MAX CULLUM
 CULLUM OIL AND GAS, INC. 970 565-4289

Also includes U-3979 (right of way)
 Township 40 SOUTH, RANGE 23 EAST, SLBM

NAME (PLEASE PRINT) JASON HOACK TITLE Director
 SIGNATURE Jason Hoack DATE 8/25/2011

(This space for State use only)

APPROVED 9/20/2011
Earlene Russell
 Division of Oil, Gas and Mining
 Earlene Russell, Engineering Technician

(5/2000)

(See Instructions on Reverse Side)

UNITED STATES
DEPARTMENT OF THE INTERIOR
BUREAU OF LAND MANAGEMENT

FORM APPROVED
OMB No. 1018-0044
Expires: July 31, 2011

SUNDRY NOTICES AND REPORTS ON WELLS
Do not use this form for proposals to drill or to re-enter an abandoned well. Use Form 3160-3 (APD) for such proposals.

5. Lease Serial No.
UTU-27357

6. If Indian, Allottee or Tribe Name

2011 AUG 21 AM 9:50
RECEIVED
MOCAB FIELD OFFICE

SUBMIT IN TRIPLICATE – Other instructions on page 2.

1. Type of Well <input checked="" type="checkbox"/> Oil Well <input type="checkbox"/> Gas Well <input type="checkbox"/> Other		7. If Unit of CA/Agreement, Name and/or No.
2. Name of Operator Oil and Gas Well Acquisitions, Inc.		8. Well Name and No. Federal #1 20
3a. Address 11479 S. Pine Drive Parker CO 80134 Suite 28	3b. Phone No. (include area code) 303-995-0826	9. API Well No. 43-037-11068
4. Location of Well (Footage, Sec., T., R., M., or Survey Description) 810' FSL, 760' FEL SE/4 SE/4 Sec 20 Township 40 South Range 23 East		10. Field and Pool or Exploratory Area Recapture Creek Field
		11. Country or Parish, State San Juan, <u>UTAH</u>

12. CHECK THE APPROPRIATE BOX(ES) TO INDICATE NATURE OF NOTICE, REPORT OR OTHER DATA

TYPE OF SUBMISSION	TYPE OF ACTION			
<input type="checkbox"/> Notice of Intent	<input type="checkbox"/> Acidize	<input type="checkbox"/> Deepen	<input type="checkbox"/> Production (Start/Resume)	<input type="checkbox"/> Water Shut-Off
<input type="checkbox"/> Subsequent Report	<input type="checkbox"/> Alter Casing	<input type="checkbox"/> Fracture Treat	<input type="checkbox"/> Reclamation	<input type="checkbox"/> Well Integrity
<input type="checkbox"/> Final Abandonment Notice	<input type="checkbox"/> Casing Repair	<input type="checkbox"/> New Construction	<input type="checkbox"/> Recomplete	<input checked="" type="checkbox"/> Other <u>Change of Operator</u>
	<input type="checkbox"/> Change Plans	<input type="checkbox"/> Plug and Abandon	<input type="checkbox"/> Temporarily Abandon	
	<input type="checkbox"/> Convert to Injection	<input type="checkbox"/> Plug Back	<input type="checkbox"/> Water Disposal	

13. Describe Proposed or Completed Operation: Clearly state all pertinent details, including estimated starting date of any proposed work and approximate duration thereof. If the proposal is to deepen directionally or recomplete horizontally, give subsurface locations and measured and true vertical depths of all pertinent markers and zones. Attach the Bond under which the work will be performed or provide the Bond No. on file with BLM/BIA. Required subsequent reports must be filed within 30 days following completion of the involved operations. If the operation results in a multiple completion or recompletion in a new interval, a Form 3160-4 must be filed once testing has been completed. Final Abandonment Notices must be filed only after all requirements, including reclamation, have been completed and the operator has determined that the site is ready for final inspection.)

Sold 100% and Transferred Operations to:

Oil and Gas Well Acquisitions, Inc.
11479 S. Pine Drive suite 28
Parker CO 80134
303-995-0826

Effective September 15/ 2011

RECEIVED
SEP 20 2011

DIV. OF OIL, GAS & MINING

14. I hereby certify that the foregoing is true and correct. Name (Printed/Typed) Jason Haack	Title Director
Signature	Date 08/25/2011

THIS SPACE FOR FEDERAL OR STATE OFFICE USE

Approved by	ACCEPTED	Title	Division of Resources	Date	9/15/11
Conditions of approval, if any, are attached. Approval of this notice does not warrant or certify that the applicant holds legal or equitable title to those rights in the subject lease which would entitle the applicant to conduct operations thereon.		Office	Mocab Field Office		

Title 18 U.S.C. Section 1001 and Title 43 U.S.C. Section 1212, make it a crime for any person knowingly and willfully to make to any department or agency of the United States any false, fictitious or fraudulent statements or representations as to any matter within its jurisdiction.

(Instructions on page 2)

cc: U.DOGM

Conditions Attached

Self-Certification Statement

Under the Federal regulations in effect as of June 15, 1988, an operator is now required to submit a self-certification statement to the appropriate Bureau office stating that said operator has the right to operate upon the leasehold premises. Said notification may be in the following format:

"Please be advised that Oil and Gas Well Acquisitions, Inc. is considered to be the operator of Well No. Sandia Federal #9-44 ; SE 1/4 SE 1/4, Section 9, Township 39, Range 26 East ; Lease UTU- 50439; San Juan County,; and is responsible under the terms and conditions of the lease for the operations conducted upon the leased lands. Bond coverage is provided by Key Bank Cash Bond." *UTB000473*

Oil and Gas Well Acquisitions, Inc.
Lease UTU056794, Wells #1, #34-13
Lease UTU23757, Well #1-20
Lease UTU50439, Well #9-44
San Juan County, Utah

CONDITIONS OF ACCEPTANCE

Acceptance of these applications does not warrant or certify that the applicant holds legal or equitable title to those rights in the subject lease which would entitle the applicant to conduct operations thereon.

Be advised that Oil and Gas Well Acquisitions, Inc. is considered to be the operator of the above wells effective September 1, 2011, and is responsible under the terms and conditions of the lease for the operations conducted on the leased lands.

Bond coverage for these wells is provided by UTB000473 (Principal – Oil and Gas Well Acquisitions, Inc.) as provided for in 43 CFR 3104.2.

This office will hold the aforementioned operator and bond liable until the provisions of 43CFR 3106.7-2 continuing responsibility are met.

Division of Oil, Gas and Mining
OPERATOR CHANGE WORKSHEET (for state use only)

ROUTING
 CDW

X - Change of Operator (Well Sold)

Operator Name Change/Merger

The operator of the well(s) listed below has changed, effective: **5/1/2012**

FROM: (Old Operator): N3810- Oil and Gas Well Acquisitions, Inc. 11479 S Pine Drive, Suite 29 Parker, CO 80134 Phone: 1 (303) 995-0826	TO: (New Operator): N3875- Diversified Energy, LLC 18685 East Plaza Drive Parker, CO 80134 Phone: 1 (303) 995-0826
---	--

WELL NAME	CA No.			Unit:	API NO	ENTITY NO	LEASE TYPE	WELL TYPE	WELL STATUS
	SEC	TWN	RNG						
Holmes 34-13	13	40S	22E		4303730602	435	Federal	OW	P
South Bluff Fed 1	13	40S	22E		4303715491	1095	Federal	OW	P
Federal 1-20	20	40S	23E		4303711068	8194	Federal	OW	P
Sandia Fed 9-44	9	39S	26E		4303731371	10847	Federal	OW	P

OPERATOR CHANGES DOCUMENTATION

Enter date after each listed item is completed

- (R649-8-10) Sundry or legal documentation was received from the **FORMER** operator on: 6/14/2012
- (R649-8-10) Sundry or legal documentation was received from the **NEW** operator on: 6/14/2012
- The new company was checked on the **Department of Commerce, Division of Corporations Database** on: 8/6/2012
- Is the new operator registered in the State of Utah: Business Number: 8360342-0161
- (R649-9-2) Waste Management Plan has been received on: Yes
- Inspections of LA PA state/fee well sites complete on: N/A
- Reports current for Production/Disposition & Sundries on: 8/7/2012
- Federal and Indian Lease Wells:** The BLM and or the BIA has approved the merger, name change, or operator change for all wells listed on Federal or Indian leases on: BLM Not Yet BIA N/A
- Federal and Indian Units:**
The BLM or BIA has approved the successor of unit operator for wells listed on: N/A
- Federal and Indian Communization Agreements ("CA"):**
The BLM or BIA has approved the operator for all wells listed within a CA on: N/A
- Underground Injection Control ("UIC")** Division has approved UIC Form 5 Transfer of Authority to Inject, for the enhanced/secondary recovery unit/project for the water disposal well(s) listed on: N/A

DATA ENTRY:

- Changes entered in the **Oil and Gas Database** on: 8/7/2012
- Changes have been entered on the **Monthly Operator Change Spread Sheet** on: 8/7/2012
- Bond information entered in RBDMS on: N/A
- Fee/State wells attached to bond in RBDMS on: N/A
- Injection Projects to new operator in RBDMS on: N/A
- Receipt of Acceptance of Drilling Procedures for APD/New on: N/A

BOND VERIFICATION:

- Federal well(s) covered by Bond Number: UTB000473
- Indian well(s) covered by Bond Number: N/A
- (R649-3-1) The **NEW** operator of any state/fee well(s) listed covered by Bond Number N/A
- The **FORMER** operator has requested a release of liability from their bond on: N/A

LEASE INTEREST OWNER NOTIFICATION:

- (R649-2-10) The **NEW** operator of the fee wells has been contacted and informed by a letter from the Division of their responsibility to notify all interest owners of this change on: N/A

COMMENTS:

STATE OF UTAH
DEPARTMENT OF NATURAL RESOURCES
DIVISION OF OIL, GAS AND MINING

FORM 9

5. LEASE DESIGNATION AND SERIAL NUMBER:
See attached

SUNDRY NOTICES AND REPORTS ON WELLS

6. IF INDIAN, ALLOTTEE OR TRIBE NAME:

7. UNIT or CA AGREEMENT NAME:

Do not use this form for proposals to drill new wells, significantly deepen existing wells below current bottom-hole depth, reenter plugged wells, or to drill horizontal laterals. Use APPLICATION FOR PERMIT TO DRILL form for such proposals.

1. TYPE OF WELL
OIL WELL GAS WELL OTHER _____

8. WELL NAME and NUMBER:
See attached

2. NAME OF OPERATOR:
Oil and Gas Well Acquisitions Inc Changing to Diversified Energy, LLC

9. API NUMBER:
See attach

3. ADDRESS OF OPERATOR:
11479 S. Pine Dr Ste 29 CITY Parker STATE CO ZIP 80134

PHONE NUMBER:
(303) 995-0826

10. FIELD AND POOL, OR WILDCAT:
See attached

4. LOCATION OF WELL
FOOTAGES AT SURFACE: See attached
COUNTY:
QTR/QTR, SECTION, TOWNSHIP, RANGE, MERIDIAN:
STATE: UTAH

11. CHECK APPROPRIATE BOXES TO INDICATE NATURE OF NOTICE, REPORT, OR OTHER DATA

TYPE OF SUBMISSION	TYPE OF ACTION		
<input checked="" type="checkbox"/> NOTICE OF INTENT (Submit in Duplicate) Approximate date work will start: _____	<input type="checkbox"/> ACIDIZE	<input type="checkbox"/> DEEPEN	<input type="checkbox"/> REPERFORATE CURRENT FORMATION
<input type="checkbox"/> SUBSEQUENT REPORT (Submit Original Form Only) Date of work completion: _____	<input type="checkbox"/> ALTER CASING	<input type="checkbox"/> FRACTURE TREAT	<input type="checkbox"/> SIDETRACK TO REPAIR WELL
	<input type="checkbox"/> CASING REPAIR	<input type="checkbox"/> NEW CONSTRUCTION	<input type="checkbox"/> TEMPORARILY ABANDON
	<input type="checkbox"/> CHANGE TO PREVIOUS PLANS	<input checked="" type="checkbox"/> OPERATOR CHANGE	<input type="checkbox"/> TUBING REPAIR
	<input type="checkbox"/> CHANGE TUBING	<input type="checkbox"/> PLUG AND ABANDON	<input type="checkbox"/> VENT OR FLARE
	<input type="checkbox"/> CHANGE WELL NAME	<input type="checkbox"/> PLUG BACK	<input type="checkbox"/> WATER DISPOSAL
	<input type="checkbox"/> CHANGE WELL STATUS	<input type="checkbox"/> PRODUCTION (START/RESUME)	<input type="checkbox"/> WATER SHUT-OFF
	<input type="checkbox"/> COMMINGLE PRODUCING FORMATIONS	<input type="checkbox"/> RECLAMATION OF WELL SITE	<input type="checkbox"/> OTHER: <u>Name Change</u>
	<input type="checkbox"/> CONVERT WELL TYPE	<input type="checkbox"/> RECOMPLETE - DIFFERENT FORMATION	

12. DESCRIBE PROPOSED OR COMPLETED OPERATIONS. Clearly show all pertinent details including dates, depths, volumes, etc.

Effective April 30, 2012 Oil and Gas Acquisitions, Inc. (Operator N3810) is transferring ownership of these wells to:
Diversified Energy, LLC
18685 East Plaza Drive
Parker CO 80134
303-995-0826

UTB000473

N3875 - Diversified
N3810 - Oil & Gas
Diversified Energy, LLC Signatures:

Name: GARY Schlatter
Signature: _____

Title: Manager

RECEIVED
JUN 14 2012
DIV. OF OIL, GAS & MINING

NAME (PLEASE PRINT) Jason Haack
SIGNATURE Jason Haack

TITLE President, OAG
DATE 6/12/2012

(This space for State use only)

APPROVED
AUG 07 2012

DIV. OIL GAS & MINING
Raquel Medina
Engineer Tech

Oil and Gas Well Acquisitions, Inc.

List of well transferred to Diversified Energy, LLC

QTR/QTR	Section	Township	Range	County	State	#5 Lease Designati	#7 Unit o1	#8 Well Name	#9 API Number	10 Field & Pool
SWSW	13	40S	22E	San Juan	UTAH	UTU056794		HOLMES 34	4303730602	Turner Bluff
NESE	13	40S	22E	San Juan	UTAH	UTU056794		SOUTH BLUFF	4303715491	Turner Bluff
SE1/4	20	40S	23E	San Juan	UTAH	UTU27357		FEDERAL 1-20	4303711068	Recapture Creek
SESE	9	39S	26E	San Juan	UTAH	UTU50439		SANDIA FED 9-44	4303731371	Cajon Lake