

Scout Report sent out



Noted in the NID File



Location map pinned



Approval or Disapproval Letter



Date Completed, P. & A. or
operations suspended

3-18-54 G. E. A

Pin changed on location map



Affidavit and Record of A & P



Water Shut-Off Test



Gas-Oil Ratio Test



Well Log Filed



FILE NOTATIONS

Entered in NID File ✓
 Entered On S.R. Sheet ✓
 Location Map Pinned ✓
 Card Indexed ✓
 IWR for State or Fee Land _____

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

COMPLETION DATA:

Date Well Completed 3-18-59 Location Inspected _____
 OW _____ WW _____ TA _____ Band released _____
 GW _____ OS _____ PA X State of Fee Land _____

LOGS FILED

Driller's Log 4-20-59
 Electric Logs (No.) 3

E _____ I _____ Et ✓ ER _____ ER-N _____ Micro _____
 Lat _____ Mill _____ Sonic _____ Others Contact Caliper Log (2)
Reorderment Log (2)

11-29-91
 for

(SUBMIT IN TRIPLICATE)

Indian Agency Navajo

		X
26		

UNITED STATES
DEPARTMENT OF THE INTERIOR
GEOLOGICAL SURVEY

Allottee Tribal

Lease No. 14-20-603-209

SUNDRY NOTICES AND REPORTS ON WELLS

NOTICE OF INTENTION TO DRILL	X	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 REDRILL OR REPAIR WELL		SUBSEQUENT REPORT OF REDRILLING 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 29, 1959

Shadscale
Well No. 2 is located 660 ft. from [N] line and 660 ft. from [E] line of sec. 26

NE 26 (1/4 Sec. and Sec. No.) 11S (Twp.) 25E (Range) SLBM (Meridian)
Wildcat (Field) San Juan (County or Subdivision) Utah (State or Territory)

The elevation ~~of the derrick floor above sea level~~ is 4738 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 300'+.
2. Cement 8-5/8", 28#, J-55 casing at 300'+ with 150 sacks cement (circulated).
3. Drill 7-7/8" hole to 5600' (objective Paradox).
4. If commercial production is obtained a supplementary completion notice will be issued, otherwise plug and abandon.

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

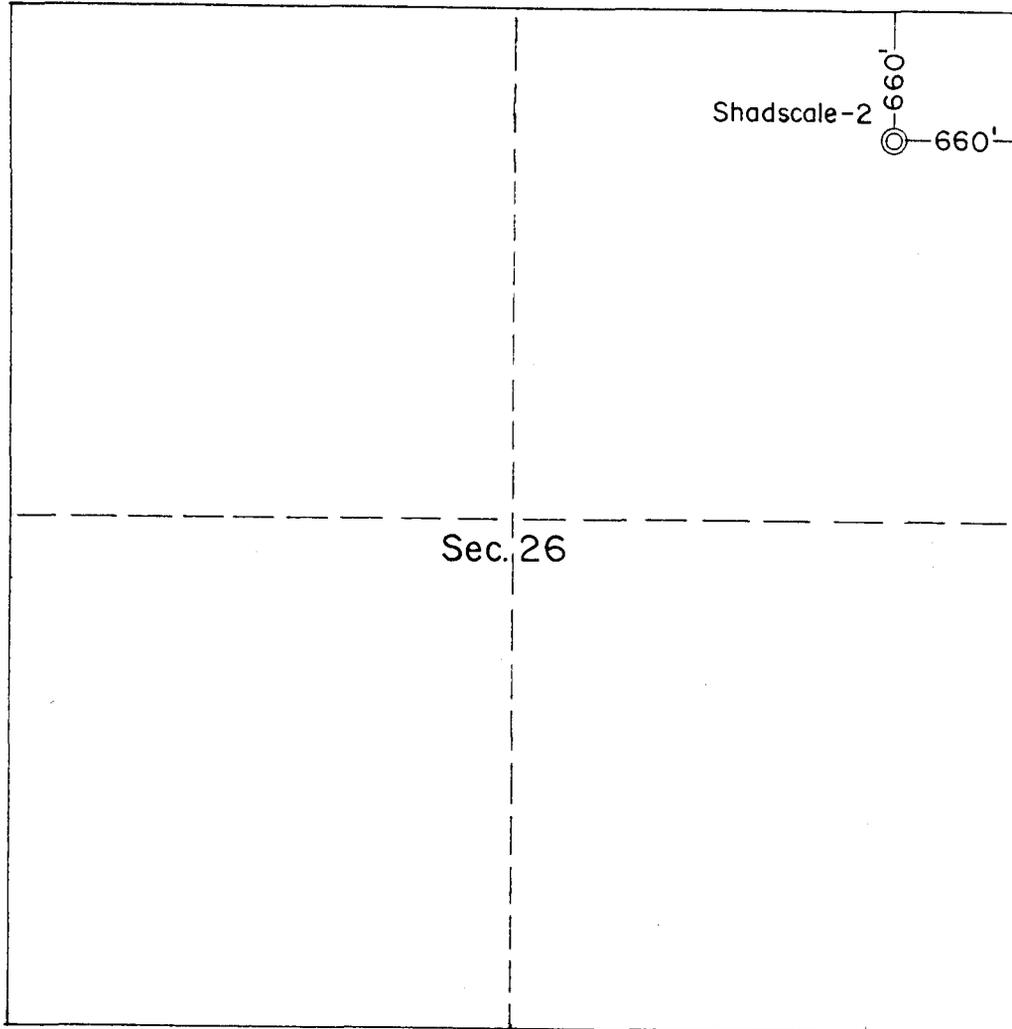
Address 705 West Municipal Drive

Farmington

Original signed by
R. S. MacALISTER, JR.

By R. S. Mac Alister, Jr.
Title Division Exploitation Engineer

Fd. Rock Mkd.
" " on South
" " on East



Elev. Data: Found Brass cap at S.W. Cor. of Sec. 35 and traversed to Sec. 26.



This is to certify that the above plat was plotted from field notes of a survey made under my supervision, and that the same is true and correct to the best of my knowledge and belief.

Joseph Baker
Registered Land Surveyor
Certificate 2158

DRAWN BY
CHECKED BY
DATE

SHELL OIL COMPANY

SCALE

Z-

Location of Shadscale No. 2
Section 26, T. 41 S., R. 25 E., S. 1. E.M., San Juan County, Utah

February 2, 1959

Shell Oil Company
705 West Municipal Drive
Farmington, New Mexico

Attention: R. S. MacAlister, Jr.,
Division Exploitation Engineer

Gentlemen:

This is to acknowledge receipt of your notice of intention to drill Well No. Shadscale 1, which is to be located 660 feet from the north line and 660 feet from the east line of Section 26, Township 41 South, Range 25 East, S1EM, San Juan County, Utah.

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

This approval terminates within 90 days if the above mentioned well is not spudded in within said period.

Yours very truly,

OIL & GAS CONSERVATION COMMISSION

CLEON B. FREIGHT
EXECUTIVE SECRETARY

CBF:co

cc: Phil McGrath, Dist. Eng.
USGS, Farmington,
New Mexico

UNITED STATES
DEPARTMENT OF THE INTERIOR
GEOLOGICAL SURVEY

ALLOTTEE Tribal Lands
TRIBE Navajo
LEASE No. 14-20-603-209

LESSEE'S MONTHLY REPORT OF OPERATIONS

State Utah County San Juan Field Wildcat - Shadscale

The following is a correct report of operations and production (including drilling and producing wells) for the month of February, 1959,

Agent's address 705 West Municipal Drive Company Shell Oil Company
Farmington, New Mexico Signed B. W. SHEPARD

Phone Davis 5-8811 Agent's title Exploitation Engineer

SEC. AND ¼ OF ¼	TWP.	RANGE	WELL No.	DATE PRODUCED	BARRELS OF OIL	GRAVITY	CU. FT. OF GAS (in thousands)	GALLONS OF GASOLINE RECOVERED	BARRELS OF WATER (If NONE, so state)	REMARKS (If drilling, depth; if shut down, cause; date and result of test for gasoline content of gas)
26 NE NE	41S	25E	2	-	--	-	--	-	--	Spudded 2-14-59; Drilling at 4090.

NOTE.—There were No runs or sales of oil; No M. cu. ft. of gas sold;
No runs or sales of gasoline during the month. (Write "no" where applicable.)
NOTE.—Report on this form is required for each calendar month, regardless of the status of operations, and must be filed in duplicate with the supervisor by the 6th of the succeeding month, unless otherwise directed by the supervisor.

(SUBMIT IN TRIPLICATE)

Indian Agency Navajo

			X
26			

UNITED STATES
DEPARTMENT OF THE INTERIOR
GEOLOGICAL SURVEY

Allottee Tribal Land

Lease No. 14-20-603-209

nik

SUNDRY NOTICES AND REPORTS ON WELLS

3-10

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 REDRILL OR REPAIR WELL.....	SUBSEQUENT REPORT OF REDRILLING 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)

March 4, 1959

Shadecale

Well No. 2 is located 660 ft. from N line and 660 ft. from E line of sec. 26

NE 26

(¼ Sec. and Sec. No.)

41S

(Twp.)

25E

(Range)

SLM

(Meridian)

Wildcat

(Field)

San Juan

(County or Subdivision)

Utah

(State or Territory)

Kelly Bushing

The elevation of the ~~surface~~ decide floor above sea level is 4722 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 2-14-59

- 2-15-59 Ran and cemented (335') 8-5/8", 28#, J-55 Casing at 345' with 190 sacks cement treated with 2% calcium chloride. Good cement returns to surface.
- to
- 2-16-59 Flanged up and waited on cement. Pressure tested casing and BOP with 7.0 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 West Municipal Drive

Farmington, New Mexico

Original signed by
B. W. SHEPARD

By B. W. Shepard

Title Exploitation Engineer

(SUBMIT IN TRIPLICATE)

Indian Agency Navajo

					X

UNITED STATES
DEPARTMENT OF THE INTERIOR
GEOLOGICAL SURVEY

Allottee Tribal Lands

Lease No. 14-20-603-209

SUNDRY NOTICES AND REPORTS ON WELLS

7/1/59

3/30

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 REDRILL OR REPAIR WELL		SUBSEQUENT REPORT OF REDRILLING 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)

March 21, 1959

Well No. 2 is located 660 ft. from N line and 660 ft. from E line of sec. 26

NE 26
(1/4 Sec. and Sec. No.)

41S
(Twp.)

25E
(Range)

SLM
(Meridian)

Wildcat
(Field)

San Juan
(County or Subdivision)

Utah
(State or Territory)

Kelly Bushing

The elevation of the drivich floor above sea level is 4722 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 - 5686'
Casing - 5-5/8" = 5345'
Hole size 7-7/8" from 345' to 5686'.

Proposed work:

end

1. Place plugs through open drill pipe as follows:
 - a. Plug 5400-5600 with 60 sacks cement.
 - b. Plug 4200-4350 with 45 sacks cement.
 - c. Plug 2450-2650 with 60 sacks cement.
 - d. Plug 600-750 with 45 sacks cement.

(over)

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

B. W. Shepard

Title

Exploitation Engineer

SHELL OIL COMPANY

WEEK ENDING 14th March 59

AREA OR FIELD Wildcat

CORE FROM 5330 TO 5350.7

CORE RECORD

COMPANY Shell Oil Company

CORES EXAMINED BY R. D. Coles & J. C. Swarbrick

LEASE AND WELL NO. Shadscale #2

NO.	FROM	TO	RECOVERED	FORMATIONAL, STRUCTURAL AND PROBABLE PRODUCTIVITY DESCRIPTION OF CORE	SYMBOL	OBSERVED DIP	CORE INDICATIONS
							OIL-GAS
							CORE OR DITCI
<u>1</u>	<u>5330</u>	<u>5352</u>	<u>50.7</u>				
	5330	34	4'	<u>Limestone</u> , brown to gray, I-IIIIVFA, scattered flakes and patches of gilsonite (dead oil), scattered sand grains, fossiliferous (brachiopods)			Dead oil stain
	34	45	11'	<u>Limestone</u> , brown to gray, I-IIIIVFA			
	45	47	2'	<u>Limestone</u> , brown to gray, I-IIIIVFA, abundant fossils (brachiopods, crinoids), chert, blue to gray, transparent.			
	47	49	2'	<u>Limestone</u> , dark gray, very shaley, fossiliferous (brachiopods, crinoids), chert, blue to gray, transparent.			
	49	50	1'	<u>Shale</u> , brown to gray, calcareous, laminated, fairly soft.			
	50	50.7	0.7'	<u>Limestone</u> , brown to gray, shaly, scattered fossils (brachiopods, crinoids). Twisted off while coring.			

SHELL OIL COMPANY

WEEK ENDING 21 March 1959AREA OR FIELD WildcatCORE FROM 5352 TO 5433

CORE RECORD

COMPANY Shell Oil CompanyCORES EXAMINED BY R. D. Coles & J. C. SwarbrickLEASE AND WELL NO. Shadscale #2

NO.	FROM	TO	RECOVERED	FORMATIONAL, STRUCTURAL AND PROBABLE PRODUCTIVITY DESCRIPTION OF CORE	SYMBOL	OBSERVED DIP	CORE INDICATIONS OIL-GAS
							CORE OR DITCH
2	5352	5403	51'				See Description
	5352	5374	22'	<u>Shale</u> , black to brown gray, calcareous, slightly silty to sandy (very fine grain).			
	5374	5380	6'	<u>Shale</u> , black to dark gray, fossiliferous (ostracods, brachiopods).			
	5380	5381	1'	<u>Limestone</u> , brown gray, IVFA, <u>oil stain along single fracture</u> but no permeability, <u>good stain and cut.</u>			
	5381	5382	1'	<u>Limestone</u> , brown gray, IVFA.			
	5382	5387	5'	<u>Limestone</u> , brown gray, sandy.			
	5387	5395	8'	<u>Dolomite</u> , light brown to gray, IVFA, calcareous, some fine sand.			
	5395	5397	2'	<u>Limestone</u> , light brown to gray, IVFA.			
	5397	5399	2'	<u>Limestone</u> , light brown to gray, IVFA + B _{tr} , <u>oil stain, bleeding oil along tight fractures.</u>			
	5399	5403	4'	<u>Limestone</u> , light brown to gray, IVFA.			
3	5403	5435	30'				
	03	08	5'	<u>Limestone</u> , light brown to gray, IVFA.			
	08	09	1'	<u>Limestone</u> , light brown to gray, IVFA, fusulinids abundant.			
	09	18	9'	<u>Limestone</u> , light brown to gray, IVFA.			
	18	21	3'	<u>Limestone</u> , light brown to gray, IVFA, <u>spotty to uniform fluorescence along fractures.</u>			
	21	22	1'	<u>Limestone</u> , brown to gray, IVFA, very spotted dead oil stain, no fluorescence, fractures common.			
	22	23	1'	<u>Limestone</u> , brown to gray, IVFA.			
	23	24	1'	<u>Limestone</u> , brown to gray, IVFA, abundant fossils (fusulinids, brachiopods, scattered crinoid stems), fractures, very spotted <u>dead oil stain</u> , no fluorescence.			
	24	28	4'	<u>Limestone</u> , brown to gray, IVFA, scattered fractures in part.			
	28	30	2'	<u>Shale</u> , brown to gray, calcareous to uniform calcareous, silty to sandy in part, abundant fossils as above.			
	30	33	3'	<u>Limestone</u> , brown to gray, IVFA, fossils (brachiopods, crinoid stems) <u>slightly spotted oil fluorescence in upper part.</u>			

SHELL OIL COMPANY

WEEK ENDING 21 March 1959

AREA OR FIELD Wildcat

CORE FROM 5435 TO 5488

CORE RECORD

COMPANY Shell Oil Company

CORES EXAMINED BY J. C. Swarbrick & R. D. Coles

LEASE AND WELL NO. Shadscale #2

NO.	FROM	TO	RECOVERED	FORMATIONAL, STRUCTURAL AND PROBABLE PRODUCTIVITY DESCRIPTION OF CORE	SYMBOL	OBSERVED DIP	CORE INDICATION
							OIL-GAS
							CORE OR DIT
4	5435	62	27*				See Description
	35	41	6'	<u>Limestone</u> , brown to gray, IVFA, fossils (crinoid stems with brachiopods in lower part), <u>bright yellow oil fluorescence along hairline fractures, decreasing to dull yellow fluorescence along rare hairline fractures in lower part.</u>			
	41	44	3'	<u>Limestone</u> , IFA, shaly in upper and lower parts, silty in lower part, scattered to common fossils (brachiopods, crinoid stems), pyritic in upper part.			
	44	51	7'	<u>Limestone</u> , dark brown to gray, I-IIIIVFA, abundant fossils (fusulinids, crinoid stems, brachiopods) decreasing to scattered in lower part. Blue translucent chert in lower part.			
	51	52	1'	<u>Limestone</u> , dark brown to gray, shaly, scattered fossils as above.			
	52	53	1'	<u>Shale</u> , brown to gray, calcareous, scattered fossils as above, blue translucent chert.			
	53	54	1'	<u>Limestone</u> , brown to gray, IVFA, shale streak in middle, <u>bright yellow streak of oil fluorescence.</u>			
	54	57	3'	<u>Limestone</u> , brown to gray, IVF-FA, blue and dark translucent chert in upper part.			
	57	59	2'	<u>Limestone</u> , brown to gray, I-IIIIVFA, shale streak in upper part, blue translucent chert in lower part.			
	59	62	3'	<u>Limestone</u> , brown to gray, I-IIIIVFA, fossils abundant to common (brachiopods, crinoid stems, ostracods), shale streaks, silty in part, occasional blue translucent chert.			
5	5464	5501	36.8'				
	64	71	7'	Alternate streaks of: <u>Limestone</u> , brown to gray, IVFA and <u>Shale</u> , dark gray to black, calcareous, hard.			
	71	76	5'	<u>Limestone</u> , light gray to brown, III-IVFA.			
	76	78	2'	<u>Shale</u> , light to medium gray, slightly calcareous, silty, laminations, hard, pyritic.			
	78	82	4'	<u>Limestone</u> , brown to gray, III-IVFA, shaly and silty in upper part.			
	82	84	2'	<u>Limestone</u> , mottled brown to gray, bioclastic with III-IVFA.			
	84	88	4'	<u>Limestone</u> , light brown to gray, III-IVFA.			

SHELL OIL COMPANY

WEEK ENDING March 21, 1959

CORE FROM 5488 TO 5516

CORES EXAMINED BY R. D. Coles & J. C. Swarbrick

CORE RECORD

AREA OR FIELD Wildcat
 COMPANY Shell Oil Company
 LEASE AND WELL NO. Shadscale #2

NO.	FROM	TO	RECOVERED	FORMATIONAL, STRUCTURAL AND PROBABLE PRODUCTIVITY DESCRIPTION OF CORE	SYMBOL	OBSERVED DIP	CORE INDICATIONS OIL-GAS	
								CORE OR DITCI
(Core #5 Continued)								
	5488	90	2	<u>Limestone</u> , light brown-gray, III-IVF-FA + B _{Tr} , <u>spotty oil stain and fluorescence over 50% of surface.</u>				See Description
	90	93	3	<u>Limestone</u> , light brown-gray, I-IIIIVFA.				
	93	95	2	<u>Limestone</u> , light gray, III-IVFA, <u>occasional spotty oil fluorescence over 2% of surface.</u>				
	95	96	1	<u>Dolomite</u> , light brown-gray, IIIIVFA + B _{3%} , <u>oil stain and fluorescence over 30% of surface.</u>				
	96	97	1	<u>Limestone</u> , light brown-gray, III-IVFA.				
	97	99	1	<u>Dolomite</u> , light gray, IIIIVFA.				
	5500	0.8	0.8	<u>Dolomite</u> , light brown-gray, IIIIVFA + B _{Tr} , <u>spotty oil stain and fluorescence over 10-30% of surface.</u>				
6	5501	30	29					
	01	02	1	<u>Dolomite</u> , gray brown, IIIIVFA, slightly calcareous, scattered fossils (brachs)				
	02	08	6	<u>Limestone</u> , light brown, III-IVFA, rare algal plates in parts, occasional fossils (brachs, crinoid stems).				
	08	09	1	<u>Limestone</u> , light gray, III-IVFA + B _{3-5%} , <u>dull yellow spotty oil fluorescence over 30% of surface</u>				
	09	10	1	<u>Limestone</u> , light gray, III-IVFA + B _{5-7%} , " " " " " " " " " " " "				
	10	11	1	<u>Dolomite</u> , light gray, III VFA + B _{2-3%} , " " " " " " " " " " " "		15%		
	11	12	1	<u>Limestone</u> , light gray, III-I VFA + B _{2-3%} , " " " " " " " " " " " "				
	12	14	2	<u>Limestone</u> , light gray, III-IVFA + B _{Tr} , faint " " " " " " " " " " " "		3%		
	14	15	1	<u>Limestone</u> , light gray, III-IVFA + B _{3-5%} , bright " " " " " " " " " " " "		20%		
	15	16	1	<u>Limestone</u> , light gray, III-IVFA + B _{3-5%} , " " " " " " " " " " " " fossils (algal plates, brachs)				

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 March 21, 1959AREA OR FIELD WildcatCORE FROM 5516 TO 5530

CORE RECORD

COMPANY Shell Oil CompanyCORES EXAMINED BY R. D. Coles & J. C. SwarbrickLEASE AND WELL NO. Shadscale #2

NO.	FROM	TO	RECOV- ERED	FORMATIONAL, STRUCTURAL AND PROBABLE PRODUCTIVITY DESCRIPTION OF CORE	SYMBOL	OBSERVED DIP	CORE INDICATIONS OIL-GAS
							CORE OR DITC
(Core #6 Continued)							
5516	18	2		<u>Limestone</u> , light gray, III-IVFA + B _{2-5%} , fossiliferous (algal plates brachs), anhydrite inclusions, <u>bright yellow spotty oil fluorescence over 20% of surface.</u>			See Description
18	21	3		<u>Limestone</u> , as above, except B _{2-3%} .			
21	22	1		<u>Dolomite</u> , light gray, IIIVFA + B _{1%} , no fluorescence.			
22	23	1		<u>Limestone</u> , brown-gray, IVFA + B _{1%} , abundant fossils (crinoid stems, brachs), no fluorescence, some <u>shale</u> , dark gray to black, laminated, silty.			
23	30	7		<u>Shale</u> , black, slightly calcareous, hard (P ₅₀ shale). Core depth of 5530 = strap depth of 5539' - Add 9' to core depths to obtain correct depth. Interval 5508-23 had white salt deposit after 30 minute exposure to air.			

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.

DITCH SAMPLES

Examined by Swarbrick 5530 to 5686
to _____

Well Shadscale #2
Field or Area Wildcat
not

SAMPLES/LAGGED

FROM	TO	%	SHOWS UNDERLINED	SAMPLES/LAGGED
5530	50		<u>Shale</u> , black.	
5550	80		<u>Shale</u> , black, slightly calcareous, hard.	
5580	90		<u>Limestone</u> , light grey to brown, sandy, very fine to fine, matrix IVFA, <u>30% pale green fluorescence, no cut, green to blue to white cut fluorescence.</u>	
5590	5600		<u>Anhydrite</u> , light grey to white.	
5600	05	10	<u>Anhydrite</u> .	
		90	<u>Dolomite</u> , light brown to grey, I-IIIIVFA, argillaceous in part.	
5605	10	10	<u>Dolomite</u> , as above.	
		90	<u>Limestone</u> , light to brown grey, I-IIIIVFA, dolomitic, argillaceous, scattered chert fragments.	
5610	25		<u>Dolomite</u> , medium to dark grey, III-IVFA, argillaceous, slightly calcareous, black shale partings, trace black chert.	
5625	30	25	<u>Dolomite</u> , as above.	
		75	<u>Anhydrite</u> , plus streaks of black shale.	
5630	35		<u>Anhydrite</u> .	
5635	40		<u>Dolomite</u> , light to medium grey, I-IIIIVFA, black shale partings, calcareous	
5640	45		<u>Anhydrite</u> .	
5645	50	50	<u>Dolomite</u> , as above.	
		50	<u>Anhydrite</u> .	
5650	70		<u>Dolomite</u> , light to medium brown to grey, III-IVFA, slightly calcareous, argillaceous, few sand grains, very fine, scattered chert clear to orange.	
5670	75		<u>Shale</u> , black, calcareous, silty.	
5675	86	75	<u>Shale</u> , as above.	
		25	<u>Limestone</u> , light greyish brown, IIIIVFA.	
			15 min. circ.	<u>Limestone</u> , dolomitic, medium grey to brown, III-IVFA
			30 min. circ. (4')	sandy, some pyrite.
			45 min. circ. (2')	90% <u>Limestone</u> , as above.
				10% <u>Dolomite</u> , brown, I-IIIIVFA, <u>uniform pale green, sample fluorescence medium brown blue, cut fluores-</u>
				<u>cence, not cut. (cavings).</u>
			1 hour, circ. (2')	70% <u>Limestone</u> , as above.
				20% <u>Dolomite</u> , as above.
				10% <u>Anhydrite</u> , 1'.

Wildcat

DRILLING REPORT
FOR PERIOD ENDING

Section 26

(FIELD)

(SECTION OR LEASE)

San Juan, Utah

March 22, 1959

T. 41 S., R. 25 E., S1E1M
(TOWNSHIP OR RANGE)

(COUNTY)

(TOWNSHIP OR RANGE)

DAY	DEPTH		REMARKS
	FROM	TO	
			<p><u>Location:</u> 660' West and 660' South of NE Corner Section 26, Township 41 South, Range 25 East, S.L.B.M., San Juan County, Utah.</p> <p><u>Elevations:</u> DF 4720.7 GR 4710.9 KB 4721.9</p>
2-14 To 2-16	0	506	<p>Spudded 2:00 A.M. 2-14-59. Ran and cemented 13-3/8" conductor pipe at 28'. Tried to drill with air. Changed to mud at 65' (Too much water). Ran and cemented (331') 8-5/8" 28# J-55 casing at 345' with 190 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 for 15 minutes, no pressure loss.</p>
2-17 To 2-18	506	1970	<p><u>Drilled 1464'</u> Water flow at 780'. Twisted off at 1015' leaving 14 drill collars and 1 joint of drill pipe in hole; recovered with overshot.</p>
2-19 To 3-11	1970	5330	<p><u>Drilled 3360'</u> Lost circulation (150 bbls. mud) at 4606'.</p>
3-12 To 3-17	5330	5565	<p><u>Drilled 0</u> (9' depth correction) <u>Cored 235'</u>. Core #1 5330 - 5352'. Twisted off at 5351'. Recovered fish with taper tap. Core #2 5352 - 5403'. Core #3 5403 - 5435'. Core #4 5435 - 5464'. Core #5 5464 - 5501'. Core #6 5501 - 5530'. (All cores adjusted 9' lower than recorded.) Reamed core hole 5330'. Conditioned mud. DST #1 5503 - 5549' Halliburton testers. Two 6-3/4 Expanding shoe (packers) at 5498' and 5503'. Three pressure recorders 5549', 5546' and 5543'. Perforations 5504 - 43'. No air or water cushion. Initial shut in 30 minutes, open 2 hours, final shut in 2 hours. Fair blow increasing to moderate in two hours. Recovered 180' salt water, cut mud + 180' mud cut salt water + 450' salt water, 170,000 ppm (t). Mud prior to test, 20,000 ppm (t) ISIP 2325, IFP 60, FFP 430, FSIP 2160, HP 3230.</p>
3-18 To 3-20	5565	5686	<p><u>Drilled 121'</u>. Ran Welox, Induction - Electrical Survey, Contact Log, Gamma Ray - Neutron Log.</p>

CONDITION AT BEGINNING OF PERIOD

HOLE			CASING SIZE	DEPTH SET
SIZE	FROM	TO		
DRILL PIPE SIZES				

R. D. Coles

SIGNED

Wildcat

(FIELD)
San Juan, Utah
(COUNTY)DRILLING REPORT
FOR PERIOD ENDING

March 22, 1959

WELL NO. _____

Section 26

(SECTION OR LEASE)
T. 41 S., R. 25 E., S1EM
(TOWNSHIP OR RANGE)

DAY	DEPTHS		REMARKS
	FROM	TO	
3-21	5686	TD	<p>With open end drill pipe plugged as follows:</p> <p>60 sacks cement 5400 - 5600 45 sacks cement 4200 - 4350 60 sacks cement 2450 - 2600 45 sacks cement 600 - 750 60 sacks cement across shoe</p> <p>Located top of top plug at 240'.</p>
3-22			<p>Installed dry hole marker with a 10 sack cement cap. Abandoned March 22, 1959.</p> <p>Checked BOP daily Mud Summary wt 10.6 - 10.9 #/gal. vis 42 - 47 sec. WL 10.2 - 16 cc FC 2/32 in.</p> <p>Contractor: H. B. Lynn Drillers: E. R. McClinton D. L. Bronell E. O. Farley Contr. Pusher: W. H. Lingo Co. Pusher: R. I. Alberts</p>

CONDITION AT BEGINNING OF PERIOD

HOLE			CASING SIZE	DEPTH SET
SIZE	FROM	TO		
12-1/4"	0	347		345
7-7/8"	347	5686		
DRILL PIPE SIZES			4-1/2	

R. D. Coles

SIGNED

DITCH SAMPLES

Examined by Swarbrick 1790 to 2240
 _____ to _____

Well Shadscale No. 2
 Field or Area Wildcat
 Not

FROM	TO	%	SHOWS UNDERLINED	SAMPLES/ LAGGED
1790	1800		Skip.	
1800	70		<u>Siltstone</u> , brownish red, calcareous, slightly micaceous, fair sorted, scattered sub-angular quartz grains, few inclusions, very fine silty sand.	
1870	1910		80% <u>Siltstone</u> , dark red, as above, calcareous. 20% <u>Siltstone</u> , olive grey, argillaceous, calcareous.	
1910	20		60% <u>Siltstone</u> , as above, dark red. 40% <u>Siltstone</u> , as above, olive grey.	
1920	30		50% <u>Siltstone</u> , dark red, as above. 50% <u>Siltstone</u> , olive grey, as above.	
1930	60		40% <u>Siltstone</u> , dark red, as above. 60% <u>Siltstone</u> , olive grey, as above.	
1960	70		30% <u>Siltstone</u> , dark red. 70% <u>Siltstone</u> , olive grey.	
1970	90		10% <u>Siltstone</u> , dark red. 90% <u>Siltstone</u> , olive grey.	
1990	2020		20% <u>Siltstone</u> , dark red. 80% <u>Siltstone</u> , olive grey.	
2020	60		30% <u>Siltstone</u> , dark red. 70% <u>Siltstone</u> , olive grey.	
2060	2140		<u>Shale</u> , brick red, calcareous, blocky, slightly silty, calcareous inclusions.	
2140	50		90% <u>Shale</u> , as above. 10% <u>Sandstone</u> , red, purple, calcareous, argillaceous, poorly sorted, slightly micaceous.	
2150	60		<u>Sandstone</u> , as above.	
2160	70		40% <u>Shale</u> , as above. 60% <u>Sandstone</u> , as above.	
2170	80		70% <u>Shale</u> , as above. 30% <u>Sandstone</u> , as above.	
2180	2220		<u>Shale</u> , as above.	
2220	30		95% <u>Shale</u> , lavender to light purple, calcareous, blocky, laminated, 5% <u>Limestone</u> , white to light purple, limestone inclusions. IVFA.	
2230	40		<u>Shale</u> , as above, plus 20% Limestone, as above.	

DITCH SAMPLES

Examined by Swarbrick 2240 to 3180
 _____ to _____

Well _____ Shadscale No. 2
 Field or Area _____ Wildcat
 not

FROM	TO	%	SHOWS UNDERLINED	SAMPLES/LAGGED
2240	60		70% <u>Shale</u> , as above. 30% <u>Limestone</u> , as above.	
2260	70		80% <u>Shale</u> , as above. 20% <u>Limestone</u> , as above.	
2270	2320		20% <u>Shale</u> , as above. 80% <u>Limestone</u> , as above.	
2750	2800		<u>Sandstone</u> , as above, fairly well sorted, slightly silty, very fine.	
2800	40		<u>Sandstone</u> , as above, plus some white sandstone, well sorted, very fine, shale partings, brownish pyrite, slightly calcareous, laminated.	
2840	60		25% <u>Siltstone</u> , olive grey, poorly sorted, slightly micaceous, and calcareous. 75% <u>Sandstone</u> , as above.	
2860	2920		<u>Sandstone</u> , as above, shale partings.	
2920	50		<u>Sandstone</u> , as above, very poorly sorted, appears to be conglomerate or gritty.	
2950	3010		<u>Sandstone</u> , as above, very fine to fine, micaceous along bedding planes, fairly well sorted.	
3010	20		30% <u>Sandstone</u> , as above. 70% <u>Shale</u> , pink, grey, brown, purple.	
3020	30		20% <u>Sandstone</u> , as above. 60% <u>Shale</u> , as above. 20% <u>Siltstone</u> , as above.	
3030	70		30% <u>Siltstone</u> , as above, sand grains. 70% <u>Shale</u> , as above, red grey, laminated, limestone nodules, calcareous	
3070	3100		10% <u>Siltstone</u> , as above. 20% <u>Sandstone</u> , as above. 70% <u>Shale</u> , as above.	
3100	20		10% <u>Siltstone</u> , as above. 90% <u>Shale</u> , as above, plus sand streak.	
3120	50		<u>Sandstone</u> , light orange, calcareous, very fine to fine, fairly well sorted, shale partings brown red, silty.	
3150	70		50% <u>Sandstone</u> , as above. 50% <u>Siltstone</u> , calcareous, red to brown.	
3170	80		60% <u>Sandstone</u> , as above. 40% <u>Siltstone</u> , as above.	

DITCH SAMPLES

Examined by Swarbrick 3180 to 3400
toWell Shadscale No. 2
Field or Area Wildcat
not

FROM	TO	%	SHOWS UNDERLINED	SAMPLES LAGGED
3180	90		25% <u>Siltstone</u> , as above. 75% <u>Sandstone</u> , as above.	
3190	3200		90% <u>Sandstone</u> , as above. 10% <u>Siltstone</u> , as above.	
3200	10		60% <u>Sandstone</u> , as above. 40% <u>Siltstone</u> , as above.	
3210	20		75% <u>Sandstone</u> , as above. 25% <u>Siltstone</u> , as above.	
3220	50		20% <u>Sandstone</u> , as above. 20% <u>Siltstone</u> , as above. 60% <u>Shale</u> , light orange to brown.	
3250	60		10% <u>Sandstone</u> , as above. 20% <u>Siltstone</u> , as above. 70% <u>Shale</u> , as above.	
3260	70		20% <u>Siltstone</u> , as above, micaceous. 80% <u>Shale</u> , dark brown, sand streaked, calcareous, limestone nodules.	
3270	3310		50% <u>Siltstone</u> , grey, as above, scattered quartz grains. 50% <u>Shale</u> , as above.	
3310	20		75% <u>Shale</u> , as above. 25% <u>Siltstone</u> , as above.	
3320	30		80% <u>Shale</u> , as above, omit sand. 20% <u>Siltstone</u> , as above.	
3330	40		70% <u>Shale</u> , as above. 30% <u>Siltstone</u> , as above.	
3340	70		60% <u>Siltstone</u> , as above, micaceous, along bedding planes. 40% <u>Shale</u> , as above, limestone inclusions.	
3370	80		60% <u>Siltstone</u> , as above. 40% <u>Shale</u> , as above, sand streak.	
3380	90		75% <u>Siltstone</u> , as above. 25% <u>Shale</u> , as above.	
3390	3400		50% <u>Shale</u> , as above. 50% <u>Siltstone</u> , as above.	

DITCH SAMPLES

Examined by Swarbrick 3400 to 3650
 _____ to _____

Well Shadscale #2
 Field or Area San Juan County, Utah
 not

FROM	TO	%	SHOWS UNDERLINED	SAMPLES/LAGGED
3400	20	60	<u>Shale</u> , dark brownish red, laminated, calcareous, blocky in part, with limestone inclusions (nodules) pink to white.	
		40	<u>Siltstone</u> , grey to light brownish red, fairly well sorted, argillaceous, calcareous, slightly micaceous.	
3420	40	70	<u>Siltstone</u> , as above.	
		30	<u>Shale</u> , as above, with sandy limestone partings, light greenish grey, very fine to fine, calcareous, micaceous, fairly sorted.	
3440	50	20	<u>Limestone</u> , brownish grey, IVFA, barren.	
		80	<u>Siltstone</u> , as above.	
3450	60	20	<u>Siltstone</u> , grey to green.	
		10	<u>Limestone</u> , as above.	
		70	<u>Siltstone</u> , as above, micaceous flakes.	
3460	70		Skip.	
3470	80		<u>Siltstone</u> , as above, limestone nodules, light reddish brown.	
3480	3500		As above, samples fair.	
3500	20		As above, limestone streaks.	
3520	40		As above, 10% sandstone streaks, micaceous, whitish grey of calcareous fairly well sorted.	
3540	50	30	<u>Shale</u> , dark brown.	
		70	<u>Siltstone</u> , as above.	
3550	70	30	<u>Shale</u> , as above.	
		70	<u>Siltstone</u> , as above.	
3570	80	40	<u>Shale</u> , as above.	
		60	<u>Siltstone</u> , as above.	
3580	3600	10	<u>Shale</u> , as above.	
		90	<u>Siltstone</u> , as above, with 10% limestone streaks in siltstone.	
3600	20	90	<u>Siltstone</u> , yellow to brown, with yellow to grey chert fragments.	
		10	<u>Limestone</u> , as above, slightly sandy.	
3620	30	100	<u>Siltstone</u> , chert & limestone inclusions.	
3630	50	100	<u>Siltstone</u> , with 20% streaks of sandstone, light grey, very fine to fine, calcareous, micaceous, fair to well sorted.	

DITCH SAMPLES

Examined by Swarbrick 3650 to 3850
 _____ to _____

Well Shadscale No. 2
 Field or Area Wildcat
 Not _____

FROM	TO	%	SHOWS UNDERLINED	SAMPLES/LAGGED
3650	60	60	<u>Siltstone</u> , as above,	
		20	<u>Sandstone</u> , brownish green, calcite fine to medium green.	
		20	<u>Siltstone</u> , light purple, micaceous, argillaceous, calcareous.	
3660	90	100	<u>Siltstone</u> , brownish red.	
3690	3700	80	<u>Siltstone</u> , as above, with light grey chert fragments.	
		20	<u>Shale</u> , as above, with light grey fragments & limestone nodules.	
3700	10	20	<u>Shale</u> , as above.	
		60	<u>Siltstone</u> , as above.	
		20	<u>Sandstone</u> , light grey to white, micaceous, fine to medium grain, calcareous, poorly sorted, poorly indurated, limestone nodules.	
3710	20	20	<u>Shale</u> , as above.	
		70	<u>Siltstone</u> , as above, with limestone & chert.	
		10	<u>Sandstone</u> , as above.	
3720	30	20	<u>Shale</u> , as above.	
		65	<u>Siltstone</u> , as above.	
		15	<u>Sandstone</u> , as above.	
3730	40	60	<u>Shale</u> , as above, with 5% limestone streaks, light olive grey.	
		30	<u>Siltstone</u> , as above, with slightly sandy, IIIVFA, barren.	
		10	<u>Sandstone</u> , as above.	
3740	50	50	<u>Shale</u> , as above.	
		45	<u>Siltstone</u> , as above.	
		5	<u>Sandstone</u> , as above.	
3750	60	10	<u>Sandstone</u> as above with limestone streaks.	
		70	<u>Shale</u> , as above with limestone streaks.	
		20	<u>Siltstone</u> , as above with limestone streaks.	
3760	70	100	<u>Siltstone</u> , bay brown, micaceous, calcareous, poor to fairly sorted, sandy, with limestone streaks.	
3770	80		As above.	
3780	3800	100	<u>Siltstone</u> as above, with 10% sandy streaks.	
3800	20	80	<u>Limestone</u> , brownish grey, IVFA, barren;	
		20	<u>Siltstone</u> , as above.	
3820	30	50	<u>Limestone</u> , as above.	
		50	<u>Siltstone</u> , as above, with shale partings.	
3830	50	90	<u>Siltstone</u> , as above.	
		10	<u>Shale</u> , as above.	

DITCH SAMPLES

Examined by Swarbrick 3850 to 4080
 _____ to _____

Well _____
 Field or Area _____

Shadscale No. 2
Wildcat
 Not

FROM	TO	%	SHOWS UNDERLINED	SAMPLES/LAGGED
3850	60		As above with 10% sandstone, brownish grey, fine, silty, micaceous, poorly indurated.	
		80	<u>Siltstone</u> , as above, 10% shale as above.	
3860	80	80	<u>Siltstone</u> , as above with limestone nodules.	
		20	<u>Shale</u> , dark brownish as above.	
3880	90	40	<u>Siltstone</u> as above.	
		60	<u>Shale</u> , sand partings & limestone nodules.	
3890	3900	90	<u>Siltstone</u> , as above.	
		10	<u>Shale</u> , as above, with sand partings.	
3900	10	90	<u>Sandstone</u> , pinkish grey, poorly sorted, very fine to medium, micaceous, calcareous.	
		10	<u>Siltstone</u> , as above.	
3910	20	100	<u>Sandstone</u> , as above, with 10% siltstone partings.	
3920	50	100	<u>Shale</u> , redish brown, with some limestone nodules.	
3950	70	50	<u>Shale</u> , as above.	
		50	<u>Siltstone</u> , brownish red, with limestone streaks.	
3970	80	10	<u>Shale</u> , as above.	
		90	<u>Siltstone</u> , as above.	
3980	4000	60	<u>Siltstone</u> as above, with limestone streaks.	
		40	<u>Shale</u> , as above.	
4000	10	70	<u>Siltstone</u> as above.	
		30	<u>Sandstone</u> , light grey to white, fine to medium, calcareous, micaceous, fair to poorly sorted.	
4010	30	10	<u>Sandstone</u> , as above, with red shale partings.	
		90	<u>Siltstone</u> , as above, with limestone streaks.	
4030	40	20	<u>Shale</u> , medium to olive grey to green, laminated, calcareous, fairly soft.	
		80	<u>Siltstone</u> , as above.	
4040	50	30	<u>Shale</u> , with limestone nodules, otherwise as above.	
		70	<u>Siltstone</u> , as above.	
4050	70	60	<u>Sandstone</u> , very fine to fine, fairly well sorted, very micaceous, calcareous.	
		40	<u>Siltstone</u> , as above.	
4070	80	30	<u>Sandstone</u> , as above.	
		40	<u>Siltstone</u> , as above.	
		30	<u>Shale</u> , as above, with limestone nodules.	

DITCH SAMPLES

Examined by Swarbrick 4270 to 4415
 _____ to _____

Well Shadscale #2
 Field or Area Wildcat

Not

FROM	TO	%	SHOWS UNDERLINED	SAMPLES / LAGGED
4270	80	70	<u>Siltstone</u> , as above.	
		10	<u>Shale</u> , as above.	
		20	<u>Limestone</u> , as above.	
4280	90	40	<u>Limestone</u> , as above	
		60	<u>Siltstone</u> , as above, plus shale partings.	
4290	4300	40	<u>Limestone</u> , 20% <u>Limestone</u> , as above, 20% brown gray, IIIvF-FA.	
		20	<u>Siltstone</u> , as above.	
		40	<u>Shale</u> , as above.	
4300	10	10	<u>Limestone</u> , as above, IIIvFA.	
		20	<u>Siltstone</u> , as above.	
		70	<u>Shale</u> , as above.	
4310	20	40	<u>Limestone</u> , IvFA, as above.	
		60	<u>Shale</u> , as above, plus limestone nodules.	
4320	30	60	<u>Limestone</u> , as above.	
		40	<u>Shale</u> , as above.	
4330	40	80	<u>Limestone</u> , as above.	
		20	<u>Shale</u> , as above.	
4340	50	90	<u>Siltstone</u> , light olive gray, calcareous, very micaceous.	
		10	<u>Limestone</u> , as above.	
4350	70		<u>Limestone</u> , light brown to buff gray, IvFA, silty in part, barren.	
4370	80	60	<u>Limestone</u> , as above.	
		40	<u>Limestone</u> , silty, dark to light olive gray, sand in part, IIIvFA.	
4380	95		<u>Limestone</u> , silty, as above.	
4395	4400	90	<u>Limestone</u> , IIIvFA, as above.	
		10	<u>Limestone</u> , IvFA, as above.	
4400	05	30	<u>Shale</u> , dark gray, laminations, calcareous, soft.	
		70	<u>Siltstone</u> , limey, light gray, micaceous, well sorted.	
4405	15	70	<u>Shale</u> , as above.	
		20	<u>Siltstone</u> , as above.	
		10	<u>Limestone</u> , brown gray, IvFA.	

DITCH SAMPLES

Examined by Swarbrick 4560 to 4730
 _____ to _____

Well Shadscale #2
 Field or Area San Juan Co., Utah
 not

FROM	TO	%	SHOWS UNDERLINED	SAMPLES / LAGGED
4560	65	90	<u>Limestone</u> , olive grey, I-IIIIVF-FA, with brown chert inclusions.	
		10	<u>Limestone</u> , white, bioclastic, with dark grey shale partings.	
4565	80		<u>Limestone</u> , as above, I-IIIIVF-FA, shale partings.	
4580	85	90	<u>Limestone</u> , as above.	
		10	<u>Shale</u> , dark olive grey, calcareous, soft, laminated.	
4585	95	95	<u>Limestone</u> , as above.	
		5	<u>Shale</u> , as above.	
4595	4625		<u>Limestone</u> , as above, dark grey shale partings, chert fragment inclusions, clear to buff.	
4625	30	70	<u>Limestone</u> , as above, with chert inclusions.	
		30	<u>Siltstone</u> , grey, micaceous, calcareous, with shale partings, as above.	
4630	35	90	<u>Limestone</u> , as above.	
		10	<u>Shale</u> , silty.	
4635	40		<u>Limestone</u> , as above.	
4640	45	90	<u>Limestone</u> , as above.	
		10	<u>Shale</u> , light to dark olive grey, silty, calcareous, laminated, brittle.	
4645	50		<u>Shale</u> , as above, chert fragments orange, fairly abundant.	
4650	55	40	<u>Shale</u> , as above.	
		60	<u>Limestone</u> , as above, I-IIIIVF-FA, or chert inclusions.	
4655	65	20	<u>Shale</u> , as above.	
		80	<u>Limestone</u> , as above.	
4665	70	10	<u>Shale</u> , as above.	
		90	<u>Limestone</u> , dark grey, I-IIIIVF-FA, fossils common, oolitic in part brachiopods, forams, crinoids, orange chert inclusions.	
4670	75	75	<u>Limestone</u> , as above.	
		25	<u>Shale</u> , light green to brown, fissile, soft, silty, calcareous.	
4675	85	80	<u>Siltstone</u> , brownish by, sandy, calcareous, micaceous.	
		20	<u>Limestone</u> , as above.	
4685	90	75	<u>Shale</u> , light green to brown, laminated, soft, silty, calcareous.	
		25	<u>Limestone</u> , as above.	
4690	4725		<u>Shale</u> , as above, with limestone nodules.	
4724	30	90	<u>Siltstone</u> , light brown, fair sorting, some fine to very fine sand,	
		10	<u>Shale</u> , as above. calcareous, micaceous.	

DITCH SAMPLES

Examined by Swarbrick 4875 to 5035
 _____ to _____

Well Shadscale #2
 Field or Area Wildcat
 not

FROM	TO	%	SHOWS UNDERLINED	SAMPLES/ LAGGED
4875	85		<u>Limestone</u> , olive grey to white I-IIIIVF-FA, fossiliferous, common, crinoidal, brachiopod fragments, tubular forams, scattered chert fragments, dull grey to opaque.	
4885	90	70	<u>Limestone</u> , as above.	
		30	<u>Shale</u> , dark brown to grey, silty, calcareous.	
4890	4900	20	<u>Limestone</u> , as above.	
		80	<u>Shale</u> , as above.	
4900	10	40	<u>Limestone</u> , as above.	
		60	<u>Shale</u> , as above.	
4910	25	80	<u>Limestone</u> , as above.	
		20	<u>Shale</u> , as above.	
4925	40	90	<u>Limestone</u> , as above.	
		10	<u>Shale</u> , as above.	
4940	50		<u>Limestone</u> , as above.	
4950	55	90	<u>Limestone</u> , as above.	
		10	<u>Shale</u> , as above.	
4955	70	60	<u>Shale</u> , light to dark brown to olive grey, laminated, silty, calcareous, slightly micaceous, soft.	
		40	<u>Limestone</u> , white to light grey, some dark olive grey, I-IIIIVFA, fossiliferous, common, crinoid stems, brachiopod fragments, pseudo-oolitic in part.	
4970	90	10	<u>Shale</u> , as above.	
		90	<u>Limestone</u> , as above.	
4990	5000		<u>Limestone</u> , light to dark olive grey, I-IIIIVF-FA, fossiliferous, few, crinoid stems, brachiopod fragments, pseudo-oolitic, minor amounts of chert fragments opaque.	
5000	05	80	<u>Limestone</u> , as above.	
		20	<u>Shale</u> , dark grey, silty in part, calcareous, laminated, fairly soft.	
5005	25		<u>Limestone</u> , as above, plus scattered sand grains, medium to fine.	
5025	35	20	<u>Shale</u> , as above.	
		80	<u>Limestone</u> , as above.	

DITCH SAMPLES

Examined by Swarbrick 5035 to 5235
 _____ to _____

Well Shadscale #2
 Field or Area Wildcat
 not

FROM	TO	%	SHOWS UNDERLINED	SAMPLES / LAGGED
5035	40	35	<u>Shale</u> , as above.	
		65	<u>Limestone</u> , as above.	
5040	50	60	<u>Shale</u> , as above, silty.	
		40	<u>Limestone</u> , as above, minor amount of chert pearl white to brown grey.	
5050	75	90	<u>Limestone</u> , light to dark olive grey, I-IIIIVFA, sandy in part.	
		10	<u>Shale</u> , as above.	
5075	80		<u>Limestone</u> , as above, sandy in part.	
5080	95		<u>Limestone</u> , olive to brown grey, IVFA, minor amount of IIIIVFA, few if any fossiliferous crinoid stems.	
5095	5100		<u>Limestone</u> , as above, plus dark grey shale streaks.	
5100	5115	90	<u>Limestone</u> , dark olive grey, I-IIIIVFA, fossiliferous, crinoid stems, brachiopod fragments.	
		10	<u>Shale</u> , grey to brown, micaceous, calcareous, laminated silty, medium to soft.	
5115	25		<u>Limestone</u> , as above.	
5125	40	20	<u>Shale</u> , black to dark greenish grey, laminated, soft to blocky, laminated, silty in part.	
		80	<u>Limestone</u> , light to dark grey to white, I-IIIIVFA, about 10% bioclastic, crinoid, brachiopods, tubular forams.	
5140	45		Skip.	
5145	60	10	<u>Shale</u> , as above.	
		90	<u>Limestone</u> , as above, plus chert fragments milky white to opaque.	
5160	75	30	<u>Shale</u> , as above.	
		70	<u>Limestone</u> , as above.	
5175	85	10	<u>Shale</u> , as above.	
		90	<u>Limestone</u> , as above, some sand grains in limestone medium to fine.	
5185	5200		<u>Limestone</u> , light to brown grey to white, IVF-FA, some IIIIVFA, fossiliferous common crinoid stems, brachiopods fragments, tubular forams.	
5200	15	10	<u>Shale</u> , as above.	
		90	<u>Limestone</u> , as above.	
5215	25	20	<u>Limestone</u> , as above.	
		80	<u>Shale</u> , dark grey to brown grey, silty, calcareous, laminated.	
5225	35	90	<u>Shale</u> , as above.	
		10	<u>Limestone</u> , as above.	

DITCH SAMPLES

Examined by Swarbrick 5235 to 5330
 _____ to _____

Well Shadscale #2
 Field or Area Wildcat
 not

FROM	TO	%	SHOWS UNDERLINED	SAMPLES/ LAGGED
5235	40	60	<u>Limestone</u> , as above.	
		40	<u>Shale</u> , as above.	
5240	60	80	<u>Limestone</u> , I-IIIIVF-FA, light brown to light grey, dead oil stain, spotty, no fluorescence, cut or cut fluorescence, visible.	
		20	<u>Shale</u> , shale, dark grey to brownish grey, silty, calcareous, laminated.	
5260	80		<u>Limestone</u> , cream grey to brown grey, I-IIIIVFA, minor amount of fine grain sand in limestone, some dead oil stain as above.	
5280	90	10	<u>Shale</u> , as above.	
		90	<u>Limestone</u> , cream to light dark olive grey, some dead oil stain.	
5290	95		<u>Limestone</u> , as above.	
5295	5300	90	<u>Limestone</u> , as above.	
		10	<u>Shale</u> , as above.	
5300	05		<u>Limestone</u> , as above, shale partings, minor amount of chert fragments. brown grey translucent.	
5305	10		<u>Limestone</u> , light to medium brown grey, I-IIIIVFA, minor spotty dead oil stain, no cut, fluorescence, or cut fluorescence.	
5310	15		<u>Limestone</u> , mostly brown grey, I-VF-FA, some cream as above, minor chert fragments brown to grey translucent.	
5315	20		<u>Limestone</u> , dark grey to light olive to brown grey, I-IIIIVFA, chert brown grey translucent, 1% - 5% sand, grey very fine, calcareous, well sorted.	
5320	25		<u>Limestone</u> , as above, minor amount of chert fragments.	
5325	30		<u>Limestone</u> , light olive grey, IVFA, few pieces of IFB.	

(SUBMIT IN TRIPLICATE)

Indian Agency Navajo

			X
	26		

UNITED STATES
DEPARTMENT OF THE INTERIOR
GEOLOGICAL SURVEY

Allottee Tribal Lands
Lease No. 14-20-603-209

W/K
4/3

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 REDRILL OR REPAIR WELL		SUBSEQUENT REPORT OF REDRILLING 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)

March 25, 19 59

Shadscale
Well No. 2 is located 660 ft. from N line and 660 ft. from E line of sec. 26
NE 26 T18S R25E S10M
(¼ Sec. and Sec. No.) (Twp.) (Range) (Meridian)
Wildcat San Juan Utah
(Field) (County or Subdivision) (State or Territory)

Kelly Bushing
The elevation of the ~~4672~~ above sea level is 4722 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)

3-18-59 DST #1 5503-5549 Initial shut-in 30 minutes, open 2 hours, final shut-in 2 hours. Paint blow increasing to moderate in two hours. Recovered 180' salt water cut mud, 180' mud cut salt water and 450' salt water. ISIP 2325, IFF 60, WFP 430, PSIP 2160, HP 3230.

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

By B. W. Shepard
Title Exploitation Engineer

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

ALLOTTEE Tribal Lands
TRIBE Navajo
LEASE No. 14-20-603-209

LESSEE'S MONTHLY REPORT OF OPERATIONS

State Utah County San Juan Field Wildcat - Shadscale

The following is a correct report of operations and production (including drilling and producing wells) for the month of March, 19 59,

Agent's address 705 West Municipal Drive Company Shell Oil Company
Farmington, New Mexico Original signed by E. W. SHEPARD
Signed _____

Phone Davis 5-8811 Agent's title Exploitation Engineer

SEC. AND 1/4 OF 1/4	TWP.	RANGE	WELL No.	DATE PRODUCED	BARRELS OF OIL	GRAVITY	CU. FT. OF GAS (in thousands)	GALLONS OF GASOLINE RECOVERED	BARRELS OF WATER (if none, so state)	REMARKS (If drilling, depth; if shut down, cause; date and result of test for gasoline content of gas)
26 NE NE	41S	25E	2	-	-	-	-	-	-	Drilled to TD of 5686'. Abandoned March 22, 1959

NOTE.—There were No runs or sales of oil; No M. cu. ft. of gas sold;

No runs or sales of gasoline during the month. (Write "no" where applicable.)

NOTE.—Report on this form is required for each calendar month, regardless of the status of operations, and must be filed in duplicate with the supervisor by the 6th of the succeeding month, unless otherwise directed by the supervisor.

MUDDING AND CEMENTING RECORD

Size casing	Where set	Number sacks of cement	Method used	Mud gravity	Amount of mud used
8-5/8	345'	190	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 5686 feet, and from -- feet to -- feet
 Cable tools were used from -- feet to -- feet, and from -- feet to -- feet

DATES

Abandoned as a dry hole March 16, 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

H. B. Lynn Drlg. Co.

____ E. R. McClinton _____, Driller ____ E. O. Farley _____, Driller
 ____ D. L. Bronell _____, Driller _____, Driller

FORMATION RECORD

FROM-	TO-	TOTAL FEET	FORMATION
1300	2367	1067	Chinle
2367	2450	83	Shinarump
2450	2567	117	Moenkopi
2567	4490	1923	Cutler
4490	5532	1042	Hermosa
5532	--	--	Paradox

