FILE NOTATIONS

Entered in NID File .....
Location Map Pinned .....
Card Indexed .....

Checked by Chief .....
Approval Letter .....
Disapproval Letter .....

COMPLETION DATA:

Date Well Completed .....

Location Inspected

Bond released

State or Fee Land .....

W..... OS..... PA.....

LOGS FILED

Driller's Log.....

Electric Logs (No.) .....

E..... I..... Dual I Lat..... GR-N..... Micro.....

BHC Sonic GR..... Lat..... Mi-L..... Sonic.....

CBLog..... CCLog..... Others.....

Form OGC-1a

SUBMIT IN TRIPLICATE*
(Other instructions on reverse side)

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

ML-29350
5. Lease Designation and Serial No.

APPLICATION FOR PERMIT TO DRILL, DEEPEN, OR PLUG BACK

6. If Indian, Allottee or Tribe Name

1a. Type of Work
DRILL ☒ DEEPEN ☐ PLUG BACK ☐

7. Unit Agreement Name
Skyline-Spjut

b. Type of Well
Oil Well ☐ Gas Well ☒ Other Single Zone ☒ Multiple Zone ☐

8. Farm or Lease Name
16-1

2. Name of Operator
SKYLINE OIL COMPANY

9. Well No.
Wildcat

3. Address of Operator
2000 University Club Building, Salt Lake City, Utah 84111

10. Field and Pool, or Wildcat
Sec. 16, T. 16S., R. 11~~W~~ E.

4. Location of Well (Report location clearly and in accordance with any State requirements.*)
At surface 660' FNL & 1980' FWL Sec. 16 NE NW

11. Sec., T., R., M., or Blk. and Survey or Area

At proposed prod. zone Same

Emery, Utah

14. Distance in miles and direction from nearest town or post office*
Location is approximately 7.8 miles south~~west~~ east of Wellington

12. County or Parrish 13. State

15. Distance from proposed* location to nearest property or lease line, ft. (Also to nearest drlg. line, if any) 660'

16. No. of acres in lease 640

17. No. of acres assigned to this well 640

18. Distance from proposed location* to nearest well, drilling, completed, or applied for, on this lease, ft. ---

19. Proposed depth 9000' Formation

20. Rotary or cable tools
Rotary

21. Elevations (Show whether DF, RT, GR, etc.)
5442 GR

22. Approx. date work will start*
October 1, 1979

23.

PROPOSED CASING AND CEMENTING PROGRAM

Size of Hole	Size of Casing	Weight per Foot	Setting Depth	Quantity of Cement
12-1/4"	9-5/8"	36#	2000 +	To Surface
8-3/4"	5-1/2"	15.5# & 17#	9000 +	400 Sx +

Statewide Bond # BMD-67-006 (Firemans Ins. Co.)

See Attachments.

RECEIVED AUG 30 1979 DIVISION OF OIL, GAS, & MINING

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 Richard N. Reed Title Senior Engineer Date August 30, 1979

(This space for Federal or State office use)

Permit No. Approval Date

Approved by Title Date

Conditions of approval, if any:

*See Instructions On Reverse Side

SKYLINE OIL COMPANY
SKYLINE-SPJUT # 16-1

Build location in accordance with plan submitted herewith.

Move in Rat Hole Driller. Drill mouse hole, rat hole and conductor hole to 90'±. Set and cement to surface 3 Joints 13-3/8" casing. Move out Rat Hole Driller and move in Rotary Rig. Drill 12¼" hole to 2,000'± with water. Set 9-5/8" 36# new casing at 2,000'± and cement to surface with Class "G" cement.

Drill 8½" hole to total depth - 9,000'± - with 8.8 to 9.0 PPG mud. Set 5½" 15.5# and 17# new casing to total depth if productive. 5½" casing details as follows:

0' - 1400'	5½"	K-55 15.5#	Buttress
1400' - 6800'	5½"	K-55 15.5#	ST&C
6800' - 8400'	5½"	K-55 17#	ST&C
8400' - 9000'	5½"	N-80 17#	LT&C

Cement 5½" casing with 400 Sx Class "G" tailed in with 50 Sx regular.

If warranted drill stem tests will be run in the Kaibab, Manning Canyon Formations.

A mud logger will be on the well from 3500' to total depth.

The following logs will be run:

1. CDL/GR across zones of interest.
2. CSVL/GR/CL across zone of interest
3. IEL across zones of interest.

A GR log will be run from total depth back to surface. Productive zone will be perforated and fractured or acidized. Size and type of treatment will be determined from logs, tests and samples.

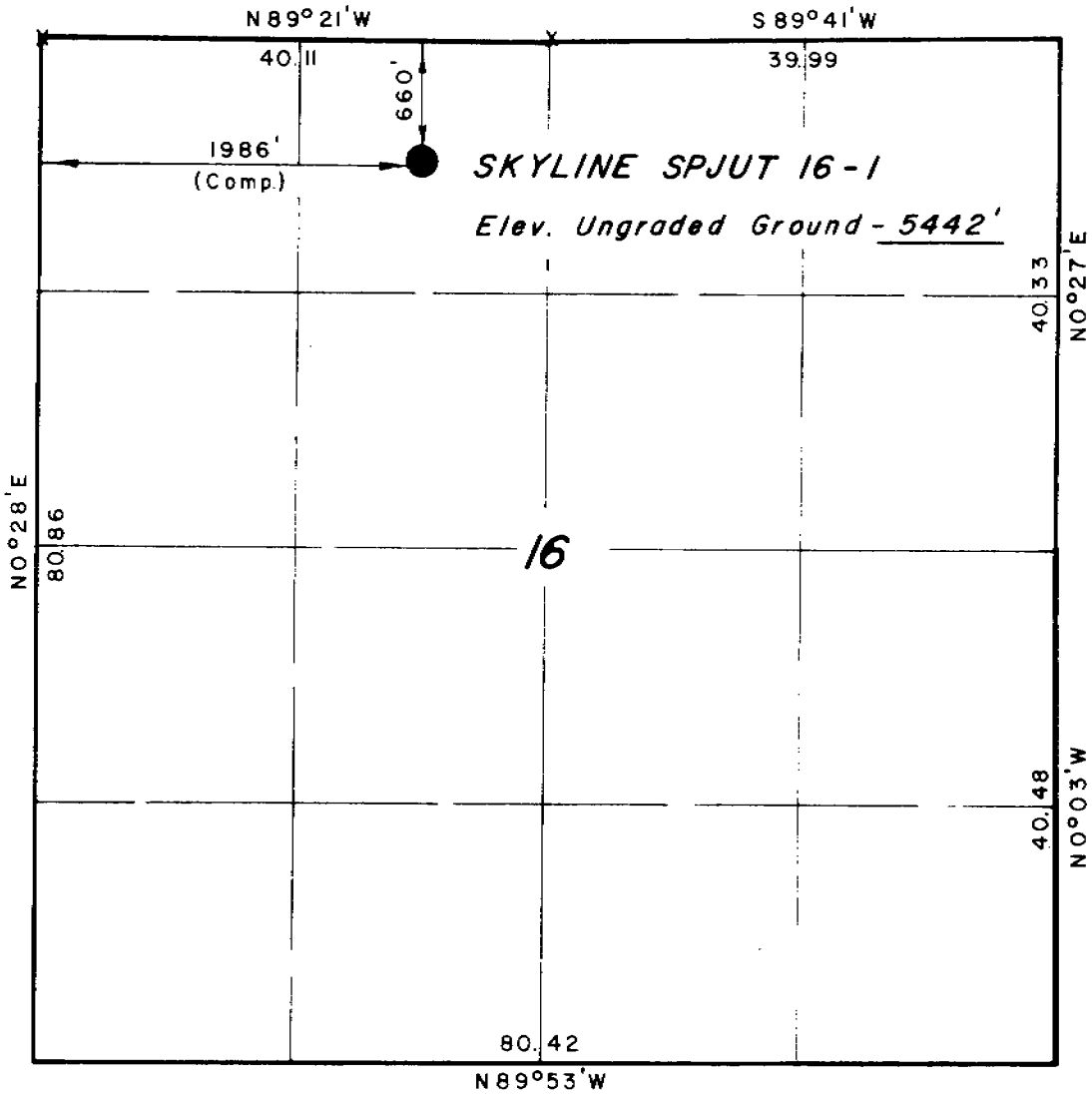
Choke and BOP diagrams are attached. BOP's will be tested to 1000 PSI for 30 minutes prior to drilling out under surface casing and operational checks will be made daily or on trips. Kelly cock will be installed. No float valve will be used and a full opening stabbing valve will be on the rig floor at all times in the open position.

T 16 S, R 11 E, S.L.B.&M.

PROJECT

SKYLINE OIL COMPANY

Well location, *SKYLINE SPJUT 16-1* located as shown in the NE1/4 NW1/4 Section 16, T16S, R11E, S.L.B.&M. Emery County, Utah.



X = Section Corners Located

CERTIFICATE

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.

REGISTERED LAND SURVEYOR
REGISTRATION NO. 3154
STATE OF UTAH

UINTAH ENGINEERING & LAND SURVEYING
P.O. BOX Q — 110 EAST - FIRST SOUTH
VERNAL, UTAH - 84078

SCALE	DATE
1" = 1000'	7/3/79
PARTIES	REFERENCES
G.S. S.H. D.F. S.B.	GLO Plat
WEATHER	FILE
Fair	SKYLINE OIL

BOP REQUIREMENTS

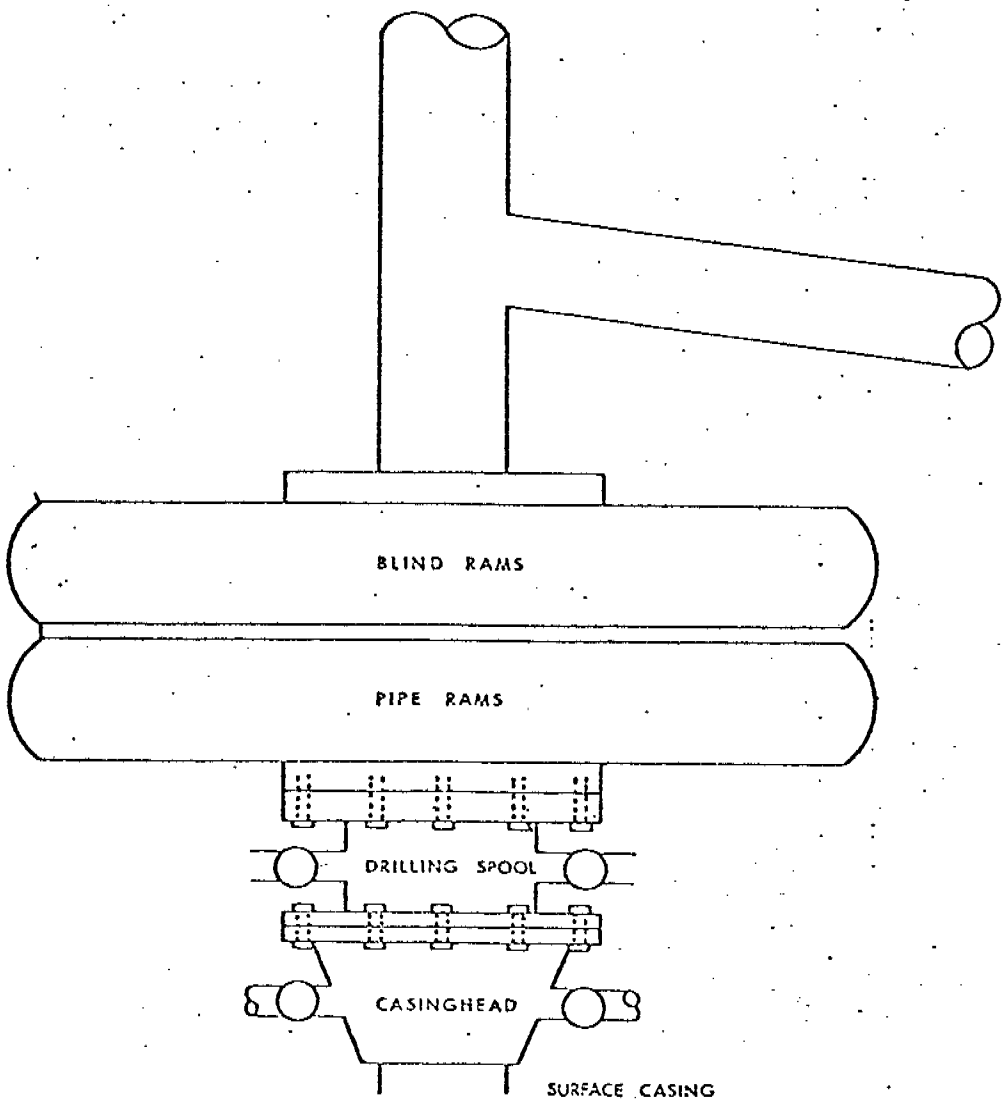
MINIMUM REQUIREMENTS

Casinghead - Operator choice with consideration of depth & pressure

Drilling Spool - 10" -3000# top & bottom with 2 - 2"- 3000 psi outlets w/2 - 2" 3000 psi valves

Blowout Preventor - 10" - 3000 psi w.p. double gate hyd. operated w/2 remote stations & handwheels

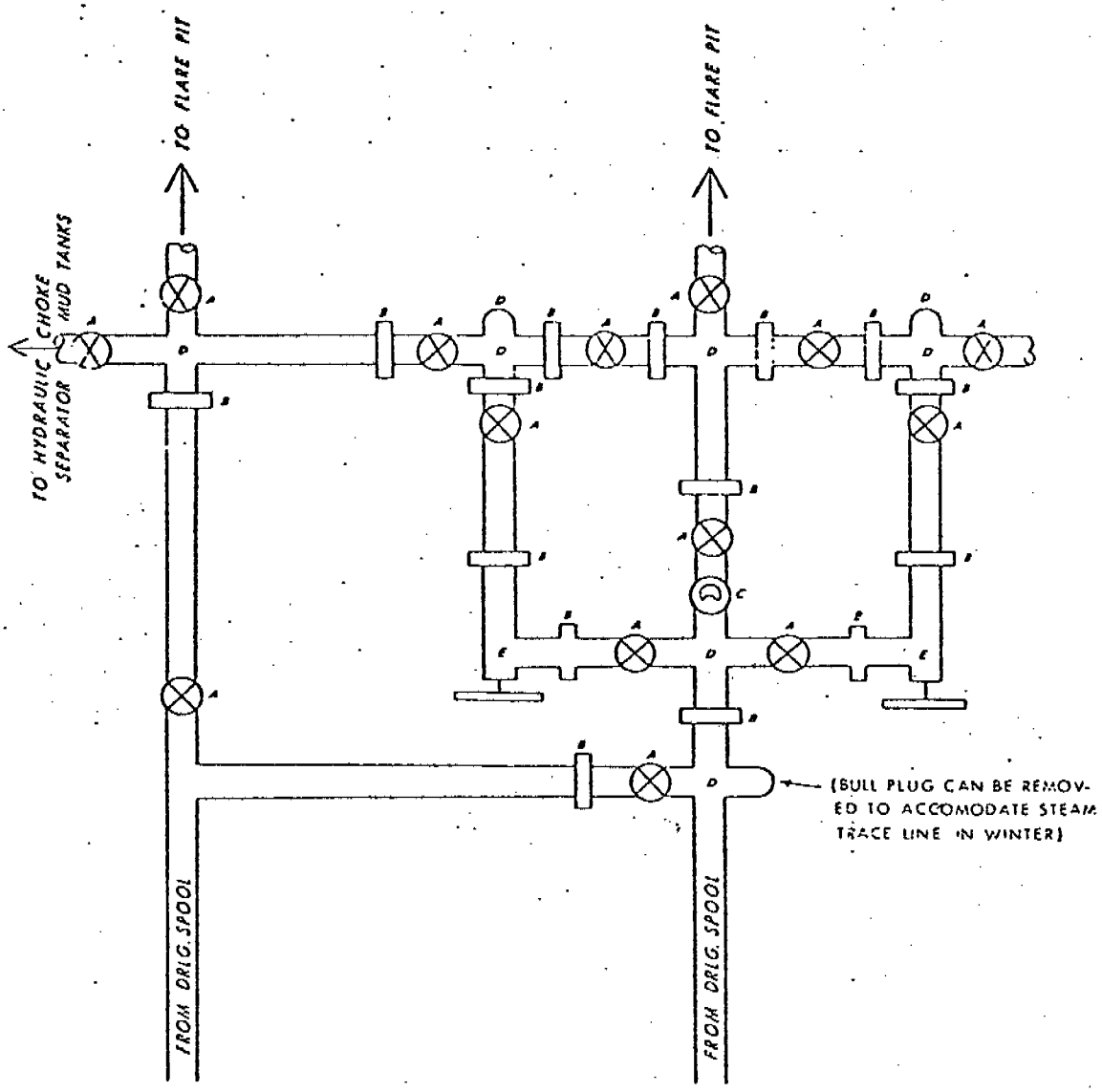
Blind rams will be on top



STANDARD CHOKE MANIFOLD DESIGN

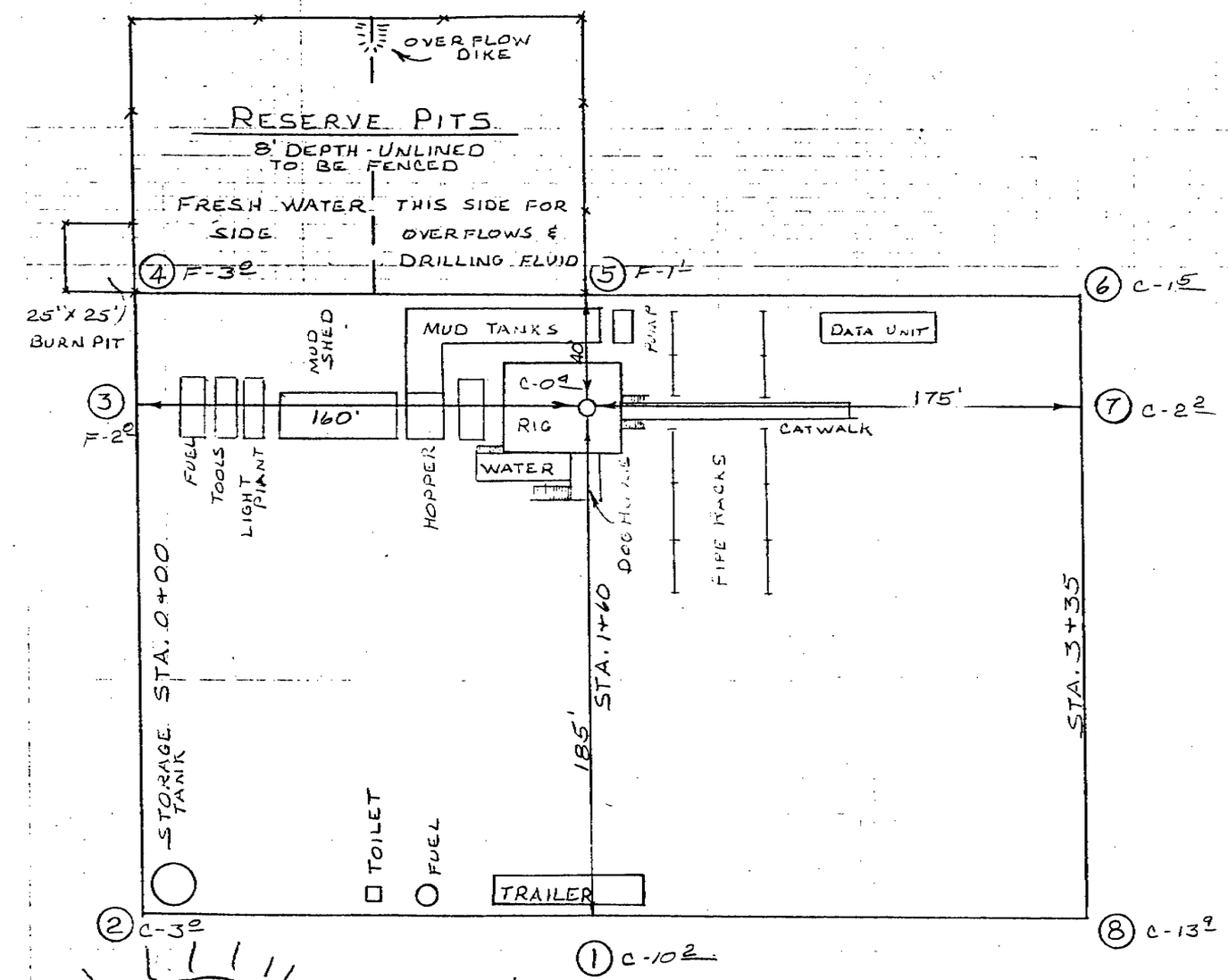
MINIMUM REQUIREMENT

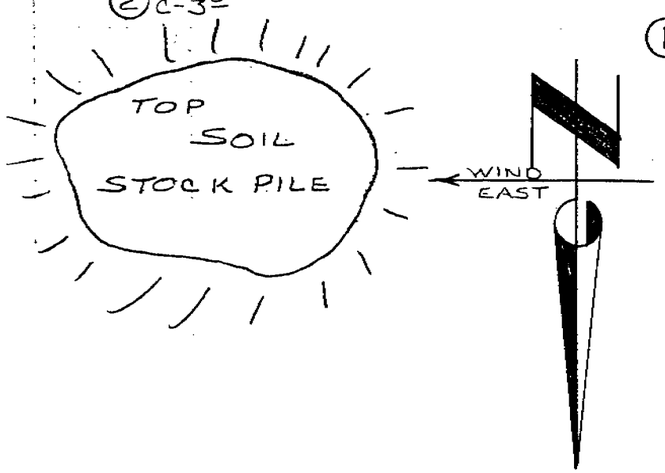
14 A VALVES 2"-3000 PSI WP
15 B UNIONS 3000 PSI WECO
1 C GAGE 5000 PSI CAMERON
3/6 D BULL PLUGS & CROSSES 5000 PSI
E CHOKES 3000 PSI 1" SEAT
LINES & NIPPLES - 3000 PSI WP

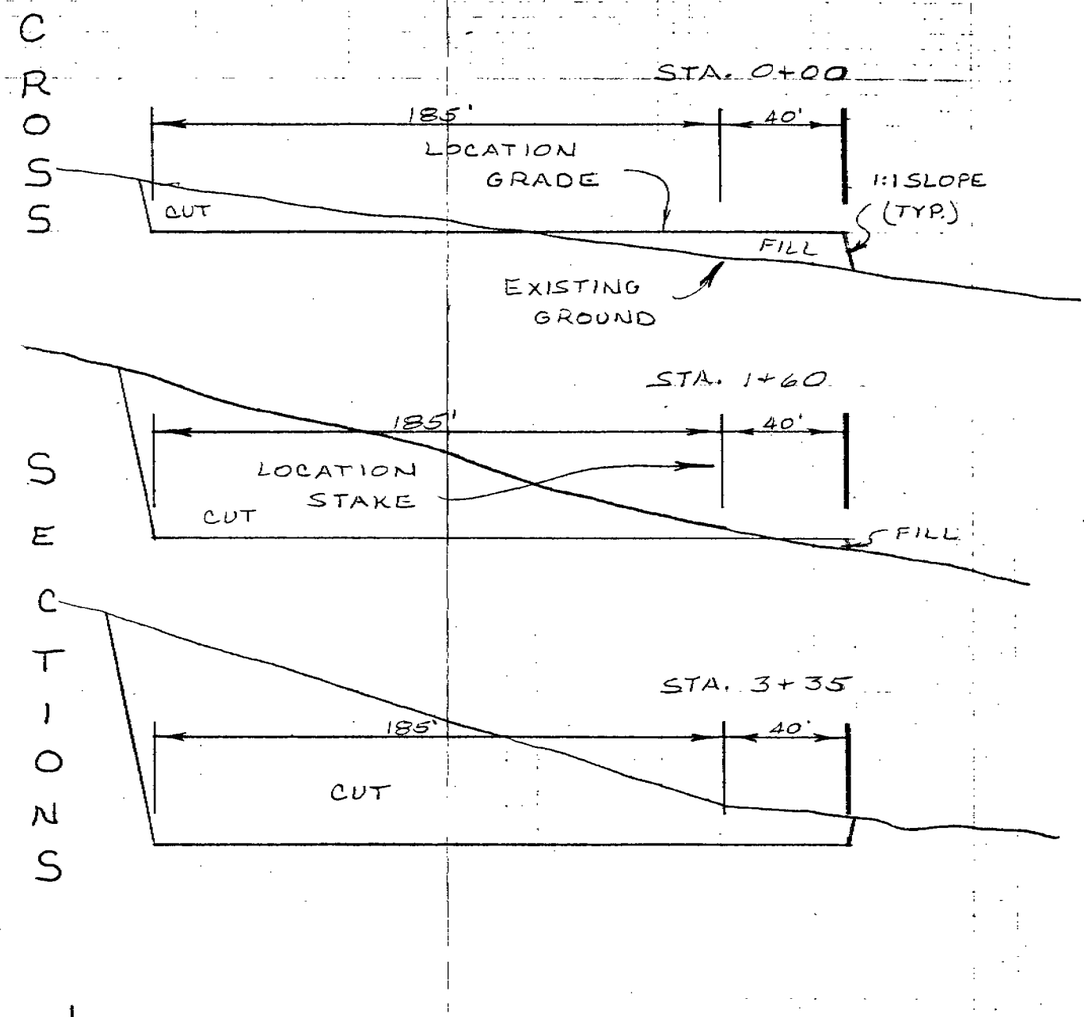


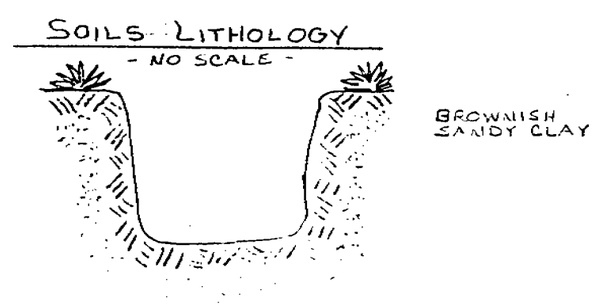
SKYLINE OIL COMPANY

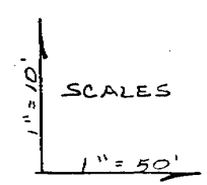
SKYLINE SPJUT 16-1
LOCATION LAYOUT & CUT SHEET







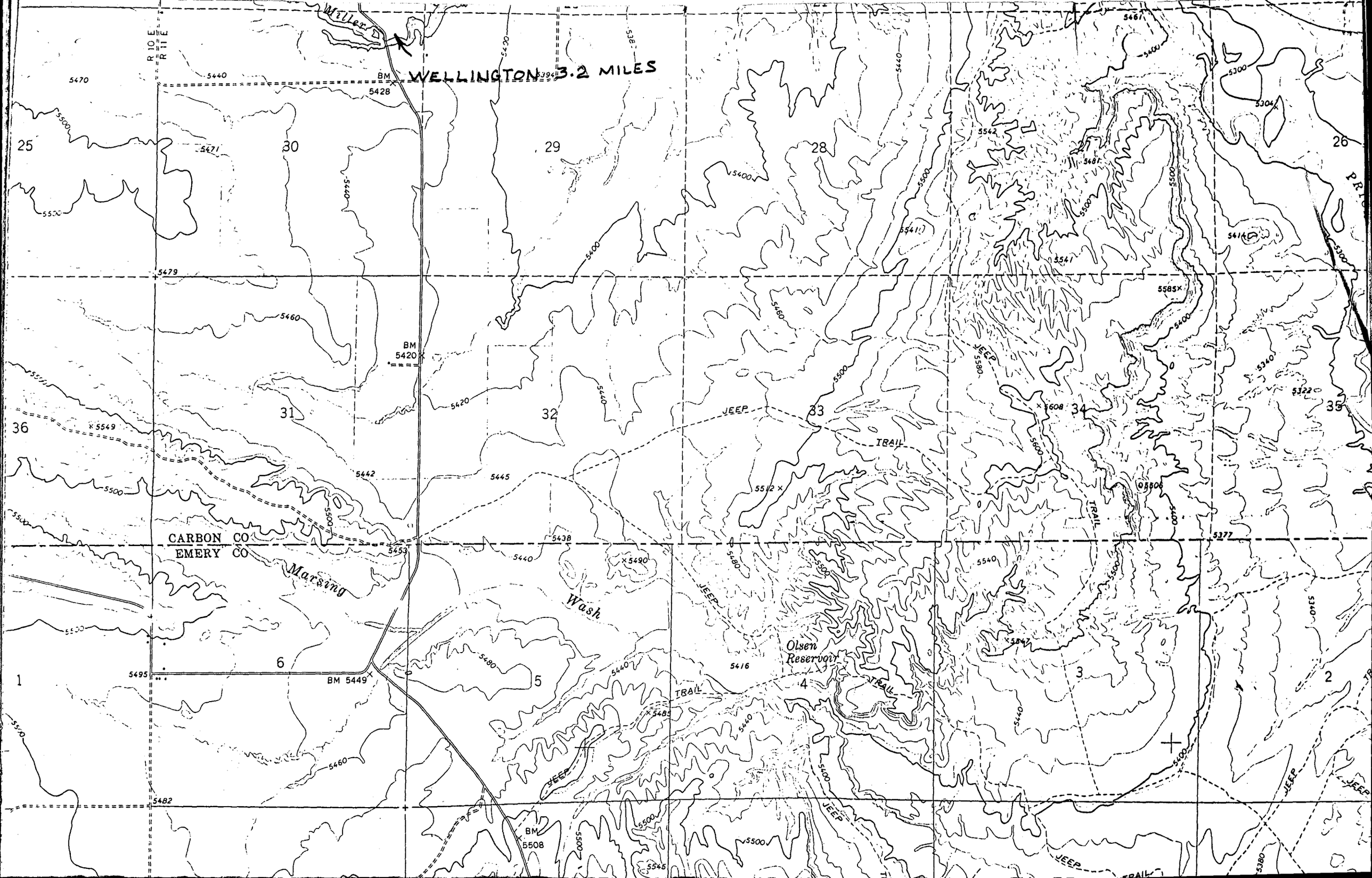


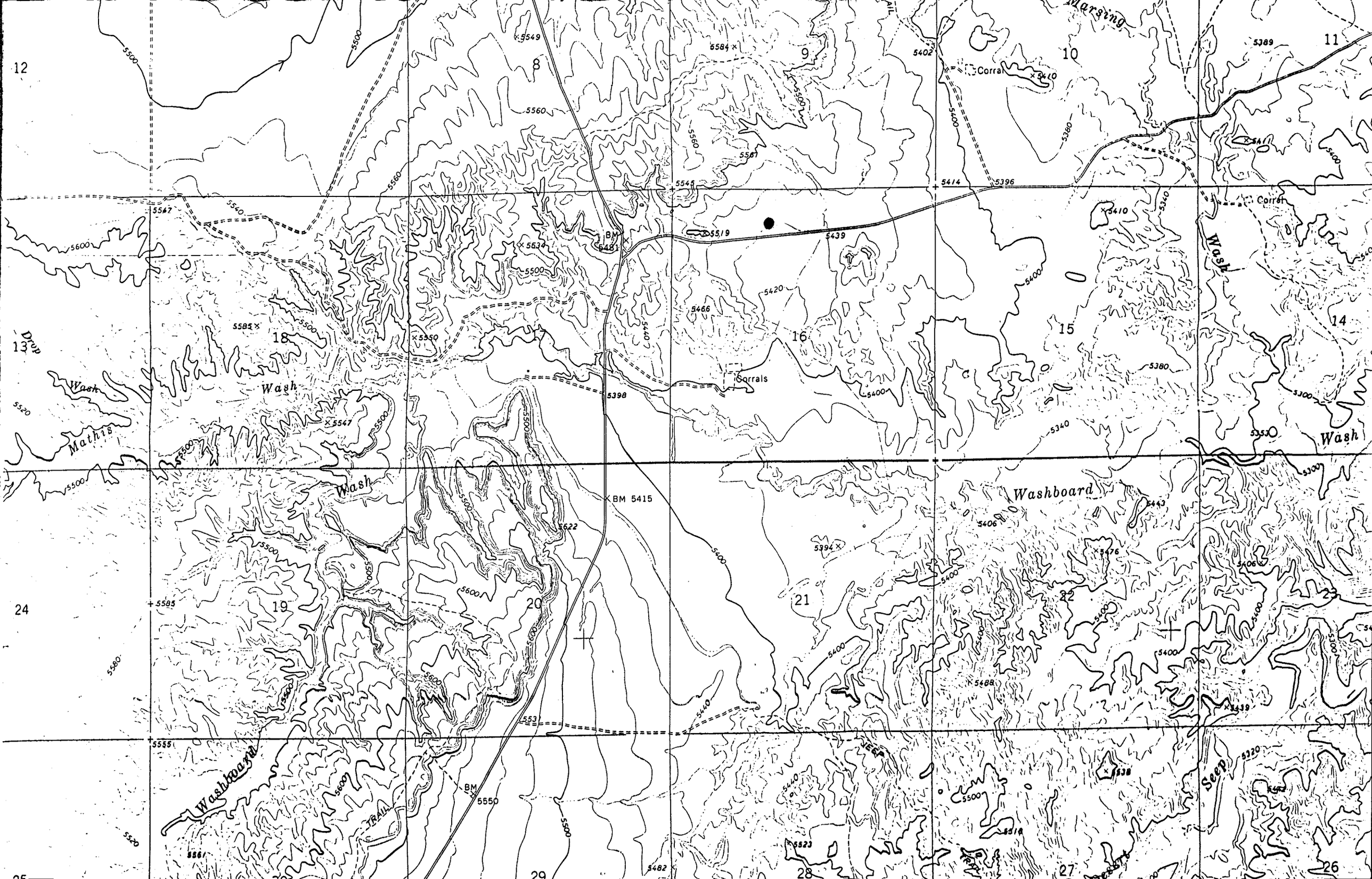


APPROX. YARDAGES

CUT - 12,357 CU. YDS.

FILL - 623 CU. YDS.


WELLINGTON 3.2 MILES
Miller Ck
R 10 E
R 11 E
CARBON CO
EMERY CO
Marsing Wash
Olsen Reservoir
JEEP TRAIL
BM 5428
BM 5420
BM 5449
BM 5508
25
30
29
28
27
26
31
32
33
34
35
36
6
5
4
3
2
1


Corral
Corral
Corrals
Wash
Mathis
Wash
Wash
Washboard
Washboard
Seep
JEEP
TRAIL
BM 5415
BM 5481
BM 5550
12
8
9
10
11
13
18
17
16
15
14
24
19
20
21
22
25
29
28
27
26

STATE OF UTAH
DIVISION OF OIL, GAS, AND MINING

** FILE NOTATIONS **

Date: August 31, 1979

Operator: Skyline Oil Company

Well No: Skyline - Apjut 16-1

Location: Sec. 16 T. 16S R. 11~~W~~ E County: Emery

File Prepared: [ ] Entered on N.I.D.: [✓]

Card Indexed: [✓] Completion Sheet: [✓]

✓API Number: 43-015-30067

CHECKED BY:

Administrative Assistant: _____

Remarks:

Petroleum Engineer: Csg. OK BOP OK Amt

Remarks:

Director: _____

Remarks:

INCLUDE WITHIN APPROVAL LETTER:

Bond Required: [ ] Survey Plat Required: [ ]

Order No. _____ Surface Casing Change to _____ [ ]

#1 Rule C-3(c), Topographic exception/company owns or controls acreage within a 660' radius of proposed site [ ]

O.K. Rule C-3 [✓] O.K. In _____ Unit

Other:

plotted on map

State

[✓] Letter Written/Approved

letter

September 13, 1979

Skyline Oil Company
2000 University Club Building
Salt Lake City, Utah 84111

Re: Well No. Skyline - Spjut 16-1
Sec. 16, T. 16S, R. 11E.,
EmergyCounty, Utah

Dear Sir:

Insofar as this office is concerned, approval to drill the above referred to gas well is hereby granted in accordance with Rule C-3, General Rules and Regulations and Rules of Practice and Procedure.

Should you determine that it will be necessary to plug and abandon this well, you are hereby requested to immediately notify the following:

FRANK M. HAMNER
Chief Petroleum Engineer
Office: 533-5771
Home: 838-7062

or

MICHAEL T. MINDER
Geological Engineer
Office: 533-5771
Home: 876-3001

Enclosed please find From OGC-8-X, which is to be completed whether or not water sands (acquifers) are encoutered during drilling. Your cooperation in completing this form will be appreciated.

Further, it is requested that this Division be notified within 24 hours after drilling operations commence, and that the drilling contractor and rig number be identified.

The API number assigned to this well is 43-015-30067.

Sincerely,

DIVISION OF OIL, GAS AND MINING

Frank M. Hamner
Chief Petroleum Engineer

/btm

cc: Donald Prince

Form OGC-1b

SUBMIT IN TRIPLICATE*
(Other instructions on reverse side)

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

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 [X] OTHER

2. NAME OF OPERATOR: SKYLINE OIL COMPANY

3. ADDRESS OF OPERATOR: 2000 University Club Building, Salt Lake City, Utah 84111

4. LOCATION OF WELL (Report location clearly and in accordance with any State requirements.* See also space 17 below.) At surface: 660' FNL & 1980' FWL Sec. 16

5. LEASE DESIGNATION AND SERIAL NO.: ML-29350

6. IF INDIAN, ALLOTTEE OR TRIBE NAME:

7. UNIT AGREEMENT NAME:

8. FARM OR LEASE NAME: Skyline-Spjut

9. WELL NO.: 16-1

10. FIELD AND POOL, OR WILDCAT: Wildcat

11. SEC., T., R., M., OR BLK. AND SURVEY OR AREA: Sec. 16, T 16 S, R 11 ~~W~~ E

14. PERMIT NO.: 43-015-30067

15. ELEVATIONS (Show whether DF, RT, GR, etc.): 5442' GR

12. COUNTY OR PARISH: Emery

13. 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	[ ]	PULL OR ALTER CASING	[ ]	WATER SHUT-OFF	[ ]	REPAIRING WELL	[ ]
FRACTURE TREAT	[ ]	MULTIPLE COMPLETE	[ ]	FRACTURE TREATMENT	[ ]	ALTERING CASING	[ ]
SHOOT OR ACIDIZE	[ ]	ABANDON*	[ ]	SHOOTING OR ACIDIZING	[ ]	ABANDONMENT*	[ ]
REPAIR WELL	[ ]	CHANGE PLANS	[X]	(Other)			[ ]
(Other)			[ ]	(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.)*

Rat Hole Driller will set 16" conductor casing instead of 13-3/8"

Surface casing will be 10-3/4" 40.50# new instead of 9-5/8"

APPROVED BY THE DIVISION OF
OIL, GAS, AND MINING
DATE: Oct. 5, 1979
BY: Frank M. Hammond

RECEIVED OCT 5 1979 DIV. OIL, GAS, & MINING

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

SIGNED Richard S. Reed TITLE Senior Engineer DATE 10-4-79

(This space for Federal or State office use)

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

*See Instructions on Reverse Side

Form OGC-1b

SUBMIT IN TRIPLICATE*
(Other instructions on reverse side)

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

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.)

5. LEASE DESIGNATION AND SERIAL NO.: ML-29350

6. IF INDIAN, ALLOTTEE OR TRIBE NAME:

1. OIL WELL ☐ GAS WELL ☒ OTHER Wildcat

7. UNIT AGREEMENT NAME:

2. NAME OF OPERATOR: SKYLINE OIL COMPANY

8. FARM OR LEASE NAME: Skyline-Spjut

3. ADDRESS OF OPERATOR: 2000 University Club Building, Salt Lake City, Utah 84111

9. WELL NO.: 16-1

4. LOCATION OF WELL (Report location clearly and in accordance with any State requirements.* See also space 17 below.) At surface: 660'FNL & 1980' FWL Sec. 16

10. FIELD AND POOL, OR WILDCAT: Wildcat

11. SEC., T., R., M., OR BLK. AND SURVEY OR AREA: Sec. 16, T 16 S, R 11 ~~W~~ E

14. PERMIT NO.: 43-015-30067

15. ELEVATIONS (Show whether DF, RT, GR, etc.): 5442' GR

12. COUNTY OR PARISH: Emery

13. 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	☐	PULL OR ALTER CASING	☐	WATER SHUT-OFF	☐	REPAIRING WELL	☐
FRACTURE TREAT	☐	MULTIPLE COMPLETE	☐	FRACTURE TREATMENT	☐	ALTERING CASING	☐
SHOOT OR ACIDIZE	☐	ABANDON*	☐	SHOOTING OR ACIDIZING	☐	ABANDONMENT*	☐
REPAIR WELL	☐	CHANGE PLANS	☒	(Other)			☐
(Other)			☐	(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.)*

Run 7-5/8" casing at 6,300' ±. Do 2 stage cement job with stage collar at approximately 3800'±. Casing required because of severe lost circulation.

APPROVED BY THE DIVISION OF OIL, GAS, AND MINING

DATE: [illegible]

BY: [illegible]

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

SIGNED Richard N. Reed TITLE Senior Engineer DATE 12-18-79

(This space for Federal or State office use)

APPROVED BY _____ TITLE _____ DATE _____

CONDITIONS OF APPROVAL, IF ANY:

*See Instructions on Reverse Side

DIVISION OF OIL, GAS AND MINING

PLUGGING PROGRAM

NAME OF COMPANY: Skyline Oil Company (Dick Reed)

WELL NAME: Skyline- Spjut #16-1

SECTION 16 NE NW TOWNSHIP 16S RANGE 11E COUNTY Uintah

VERBAL APPROVAL GIVEN TO PLUG THE ABOVE REFERRED TO WELL IN THE FOLLOWING MANNER:

TOTAL DEPTH: 9445'

CASING PROGRAM:

10 3/4" @ 2030' - Cemented to surface

7 7/8" @ 6374' - Cemented to 5900'

some shown in Manning Canyon (7003')

FORMATION TOPS:

Thunder Springs	9390'	Moenkopi	4073'
Desert	8726'	Mosback	4030'
Humbug	8080'	Chinele	3718'
Manning Canyon	7003'	Wingate	3302'
Oaker	5908'	Kayenta	3193'
Kiabab	5142'	Navajo	2822'
Sinbad	4728'	Carmel	2380'

PLUGS SET AS FOLLOWS:

#1 Heavy drilling mud from 9445' - 8726'

#2 Set BP at 5900' w/50' plug on top

#3 50' plug ½ in & ½ out of casing at each formation up to casing point (5900')

#4 50' plug in and out of surface casing (2005' - 2055')

No fluids or porosity below Desert formation

DATE January 25, 1980 SIGNED ORIGINAL SIGNED BY C. B. FEIGHT

Cleon B. Feight

cc: Donald Prince

FLUID SAMPLE DATA

Sampler Pressure 1700 P.S.I.G. at Surface
Recovery: Cu. Ft. Gas 8.69
cc. Oil
cc. Water
cc. Mud 500
Tot. Liquid cc.
Gravity ° API @ °F.
Gas/Oil Ratio cu. ft./bbl.

			RESISTIVITY		CHLORIDE CONTENT
Recovery Water		@		°F.	ppm
Recovery Mud	1.0	@ 70		°F.	4500 ppm
Recovery Mud Filtrate		@		°F.	ppm
Mud Pit Sample	1.2	@ 71		°F.	4000 ppm
Mud Pit Sample Filtrate		@		°F.	ppm

Mud Weight 9.1 vis 42 SEC.

Date 1-7-80 Ticket Number 602871
Kind of Job OPEN HOLE PACKER DRILL STEM TEST Halliburton District VERNAL
Tester RIPPLE Witness JOHNSON
Drilling Contractor AMERICAN DRILLING # 1

EQUIPMENT & HOLE DATA

Formation Tested Manning Canyon
Elevation 5465' KB Ft.
Net Productive Interval 150' Ft.
All Depths Measured From Kelly Bushing
Total Depth 7605' Ft.
Main Hole/Casing Size 7 3/4" Open Hole
Drill Collar Length 695' I.D. 2¼"
Drill Pipe Length 6726' I.D. 2.764"
Packer Depth(s) 7449' - 7455' Ft.
Depth Tester Valve 7432' Ft.

Cushion TYPE NONE AMOUNT Ft. Depth Back Pres. Valve NONE Surface Choke 1/8" & 1" Bottom Choke .75"

Recovered 301' Feet of gas cut mud
Recovered Feet of
Recovered Feet of
Recovered Feet of
Recovered Feet of

Meas. From Tester Valve

Remarks SEE PRODUCTION TEST DATA SHEET...

TEMPERATURE	Gauge No. 205 Depth: 7434' Ft.	Gauge No. 192 Depth: 7602' Ft.	Gauge No. Depth: Ft.	TIME
Est. °F.	24 Hour Clock Blanked Off NO	24 Hour Clock Blanked Off YES	Hour Clock Blanked Off	Tool Opened 0545 A.M. P.M.
Actual 135 °F.	Pressures	Pressures	Pressures	Opened A.M. Bypass 1346 P.M.

		Field	Office	Field	Office	Field	Office	Reported Minutes	Computed Minutes
Initial Hydrostatic		3582.5	3596.3	3611.1	3674.0				
First Period Flow	Initial	110.2	126.7	161.8	202.1			15	16
	Final	137.8	121.2	188.7	177.8			60	60
	Closed in	1921.5	1931.1	1970.5	1968.7				
Second Period Flow	Initial	82.7	150.1	107.9	227.7			136	137
	Final	165.3	161.1	188.7	195.4			270	269
	Closed in	2749.4	2756.2	2790.5	2797.2				
Third Period Flow	Initial								
	Final								
	Closed in								
Final Hydrostatic		3429.2	3451.3	3491.8	3502.7				

Legal Location Sec. - Twp. - Rng. 16 - 16S - 11E
Lease Name SPJUT
Well No. 16-1
Test No. 2
Field Area WILDCAT
Tested Interval 7455' - 7605'
County EMERY
State UTAH
Lease Owner/Company Name SKYLINE OIL COMPANY

FORM 181-R1—PRINTED IN U.S.A.

FORMATION TEST DATA

LITTLE'S 96671 10M 8/74

12

Casing perfs. _____ Bottom choke _____ Surf. temp. _____ °F Ticket No. 602871
Gas gravity _____ Oil gravity _____ GOR _____
Spec. gravity _____ Chlorides _____ ppm Res. _____ @ _____ °F
INDICATE TYPE AND SIZE OF GAS MEASURING DEVICE USED _____

Date Time a.m. p.m.	Choke Size	Surface Pressure psi	Gas Rate MCF	Liquid Rate BPD	Remarks
1-6-80 2130					On location.
1-7-80 0030					Picked up the tools.
0200					Run in the hole with the tools.
0545	1/8"				Tool opened with a 1" blow.
0550	"	2			Blow increased to 14" in 5 minutes.
0555	"	4.5			
0600	"	6			
0600					Closed tool.
0700	1/8"				Opened tool
0701					Gas to the surface.
0705	1/8"	24			
0730					Opened to the pit to flare.
0732					Closed at the surface to install a 2"
					orifice.
0745	¼"				Opened through 2" orifice tester - no
					pressure.
0746	1/8"				Installed 1/8" plate.
0800	"				Shut stop - went through bubble hose.
0805	1/8"	9			
0810	"	14			
0815	"	17			
0825	"	19			
0830	"	21			
0835	"	22			
0840	"	23			
					SEE PAGE # 2

PRODUCTION TEST DATA

Casing perfs. _____ Bottom choke _____ Surf. temp _____ °F Ticket No. 602871

Gas gravity _____ Oil gravity _____ GOR _____

Spec. gravity _____ Chlorides _____ ppm Res. _____ @ _____ °F

INDICATE TYPE AND SIZE OF GAS MEASURING DEVICE USED _____

Date Time a.m. p.m.	Choke Size	Surface Pressure psi	Gas Rate MCF	Liquid Rate BPD	Remarks
0845	1/8"	24			
0850	"	25			
0855	"	26			
0900	"	27			
0905	"	28			
0910	"	29			
0915	"	30			
0916					Closed tool.
1346					Pulled tool loose.
1355					Pulled out of the hole.
1645					Drained sampler.
1700					Broke down the tools.
1730					Through with the job.

FORM 182-R1—PRINTED IN U.S.A.

PRODUCTION TEST DATA

LITTLE'S 96672 5M 8/71

12

Gauge No.	205	Depth	7434'	Clock No.	4090	24 hour	Ticket No.	602871

	First Flow Period		First Closed In Pressure			Second Flow Period		Second Closed In Pressure			Third Flow Period		Third Closed In Pressure		
	Time Defl. .000"	PSIG Temp. Corr.	Time Defl. .000"	Log $\frac{t+\theta}{\theta}$	PSIG Temp. Corr.	Time Defl. .000"	PSIG Temp. Corr.	Time Defl. .000"	Log $\frac{t+\theta}{\theta}$	PSIG Temp. Corr.	Time Defl. .000"	PSIG Temp. Corr.	Time Defl. .000"	Log $\frac{t+\theta}{\theta}$	PSIG Temp. Corr.
0	.000	126.7	.000		121.2	.000	150.1	.000		161.1					
1	.003	126.7*	.0135		282.3	.0579	148.7**	.0576		1008.2***					
2	.012	111.5	.0271		433.8	(.1030	155.6CC)	.1185		1684.5					
3	.021	112.9	.0406		584.6	.1261	118.4	.1795		2141.8					
4	.030	114.3	.0541		719.9	.1943	128.0	.2404		2422.8					
5	.039	117.0	.0677		851.0	.2625	137.7	.3014		2596.9					
6	.048	121.2	.0812		984.9	.3307	148.7	.3624		2680.0					
7			.0947		1110.9	.3988	152.8	.4233		2714.6					
8			.1083		1230.1	.4670	161.1	.4843		2729.9					
9			.1218		1350.6			.5452		2738.2					
10			.1353		1453.3			.6062		2742.3					
11			.1489		1557.8			.6672		2746.5					
12			.1624		1658.4			.7281		2750.6					
13			.1759		1750.6			.7891		2752.0					
14			.1895		1845.7			.8500		2754.8					
15			.2030		1931.1			.9110		2756.2					

Gauge No.	192	Depth	7602'	Clock No.	2290	hour	24

0	.000	202.1	.000		177.8	.000	227.7	.000		195.4					
1	.0033	196.7*	.0132		342.3	.0562	188.6**	.0562		1050.0***					
2	.0130	181.9	.0264		504.0	(.0990	195.4CC)	.1158		1707.8					
3	.0228	168.4	.0396		650.5	.1223	159.0	.1754		2164.8					
4	.0325	186.4	.0528		794.3	.1885	165.7	.2349		2455.0					
5	.0423	172.5	.0660		920.7	.2546	172.5	.2945		2634.2					
6	.0520	177.8	.0792		1044.5	.3207	181.9	.3540		2721.8					
7			.0924		1175.6	.3869	187.3	.4136		2756.1					
8			.1056		1287.8	.4530	195.4	.4731		2769.8					
9			.1188		1410.8			.5327		2779.4					
10			.1320		1514.9			.5922		2783.5					
11			.1452		1616.8			.6518		2787.6					
12			.1584		1718.7			.7113		2791.7					
13			.1716		1813.8			.7709		2793.1					
14			.1848		1903.5			.8304		2794.4					
15			.1980		1968.7			.8900		2797.2					
Reading Interval	3		4			20		18							Minutes

REMARKS: * INTERVAL = 1 MINUTE. ** INTERVAL = 17 MINUTES. CC = CHOKE CHANGE. *** INTERVAL = 17 MINUTES.

12

FORM 193-RI—PRINTED IN U.S.A.

SPECIAL PRESSURE DATA

LITTLE'S 94673 75C 9/74

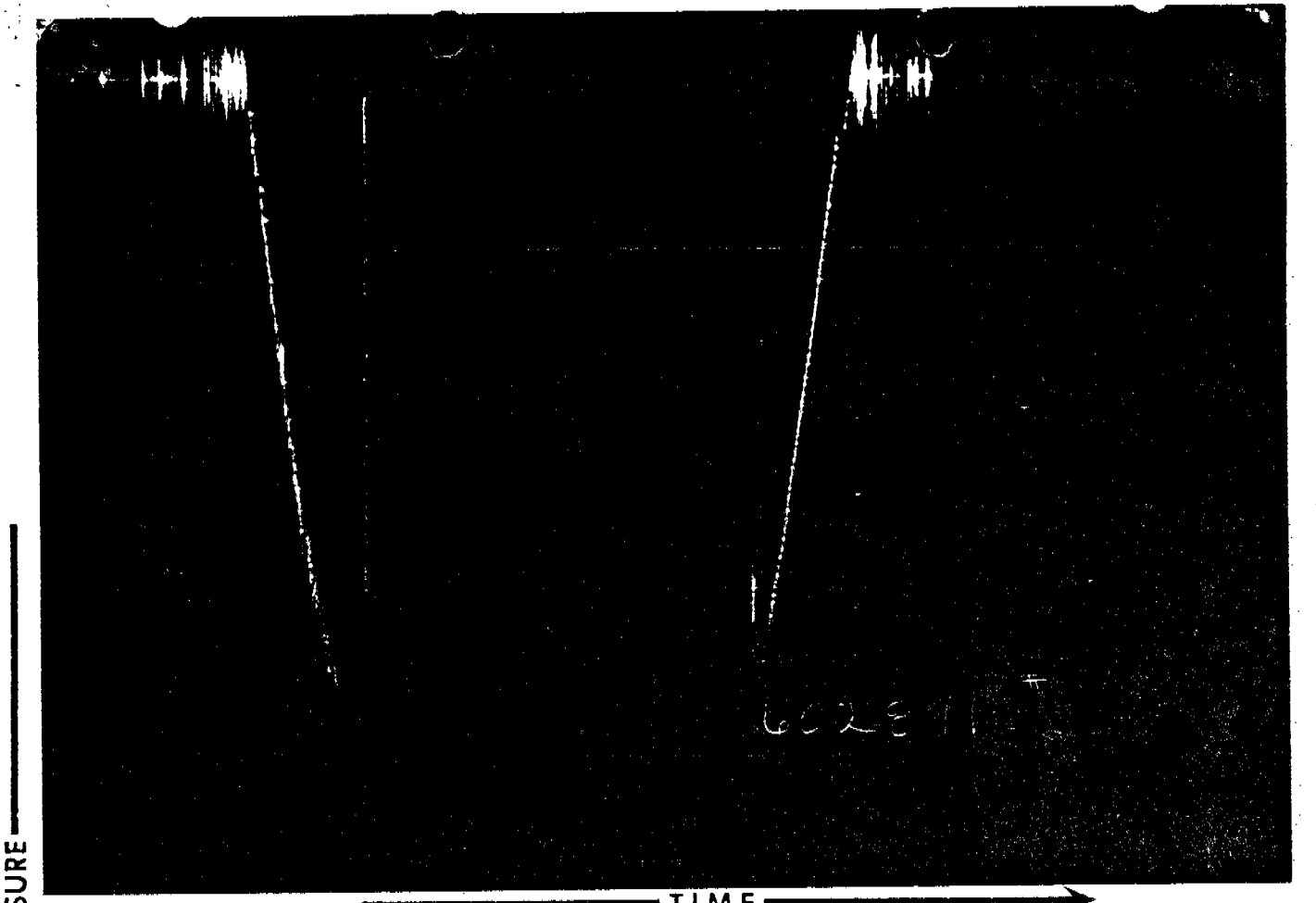
CKET NO. 602871

	O. D.	I. D.	LENGTH	DEPTH
Drill Pipe or Tubing				
Reversing Sub	4 3/4"	2½"	.98'	
Water Cushion Valve				
Drill Pipe	3½"	2.764"	6726'	
Drill Collars	4 3/4"	2¼"	695'	
Handling Sub & Choke Assembly				
Dual CIP Valve				
Dual CIP Sampler	5"	.75"	6.75'	7427'
Hydro-Spring Tester	5"	.75"	5'	7432'
Multiple CIP Sampler				
Extension Joint				
AP Running Case	5"	3.06"	4'	7434'
Hydraulic Jar	5"	1.75"	5'	
VR Safety Joint	5"	1.00"	3'	
Pressure Equalizing Crossover				
Packer Assembly	5½"	1.53"	5.75'	7449'
Distributor				
Packer Assembly	5½"	1.53"	5.75'	7455'
Flush Joint Anchor	5"	2.37"	15'	
Pressure Equalizing Tube				
~~Blanked-Off B.T. Running Case~~ X-OVER	4 5/8"	2 5/8"	.65'	
Drill Collars	4 3/4"	2¼"	122.62'	
~~Anchor Pipe Safety Joint~~ X-OVER	4 5/8"	1½"	.64'	
Packer Assembly				
Distributor				
Packer Assembly				
Anchor Pipe Safety Joint				
Side Wall Anchor				
Drill Collars				
Flush Joint Anchor	5.00"	2.37"	5'	
Blanked-Off B.T. Running Case	5.00"	2.44"	4.05'	7602'
Total Depth				7605'

FORM 187-R1—PRINTED IN U.S.A.

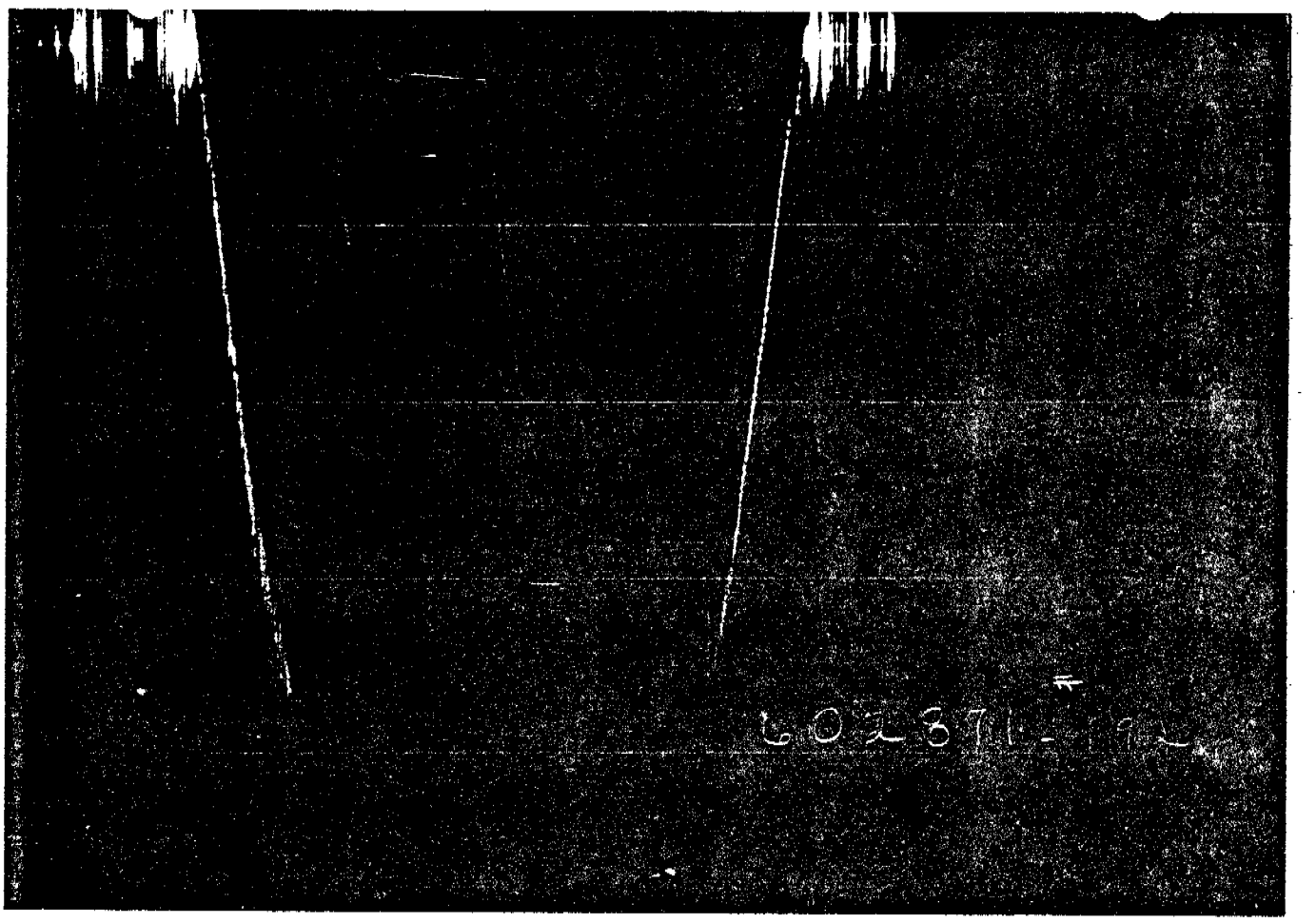
EQUIPMENT DATA

LITTLE'S 96676 75C 9/74



PRESSURE

TIME



Each Horizontal Line Equal to 1000 p.s.i.

LITE RESEARCH LABORATORIES

P. O. Box 266 Fort Duchesne, Utah 84026 (801) 722-2254

CHROMATOGRAPHIC ANALYSIS REPORT

RUN NUMBER GC-8725
DATE OF RUN

Skyline Oil Company

SAMPLE DATA

METER STATION NO:		DESCRIPTION:		
MAIN LINE NO.				
FIELD.	CYL. PRESS., PSI	LOCATION: Emergy County, Utah	FORMATION:	
CYLINDER NO:	WELL NO: ne/nw 16,T 16 S-R11E	LINE PRESS., PSI 200#	A.T.M. TEMP: °F	F.G. TEMP: °F

SUBMITTED BY.	MONTH:	DAY:	HOUR:	YEAR:
Randy Ripple (Halliburton)	1	8		1980

REMARKS DST #2

ANALYSIS

	MOLE [%]	G.P.M.	LIQUID [%]
HYDROGEN-SULFIDE			
HELIUM			
CARBON-DIOXIDE			
HYDROGEN			
OXYGEN	.02		
NITROGEN	5.81		
METHANE	88.71		
ETHANE	4.48		
PROPANE	.64	.176	59.22
PROPYLENE			
ISO-BUTANE	.09	.029	9.90
N-BUTANE	.09	.028	9.54
ISO BUTYLENE & BUTENE I			
TRANS BUTENE 2			
CIS BUTENE 2			
ISO-PENTANE	.03	.011	3.69
N-PENTANE	.02	.007	2.44
HEXANIES & HIGHER	.11	.045	15.21
TOTAL	100.00	.297	100.00

HEATING VALUE
B.T.U./CU. FT. 30 IN. HG, 60°F, DRY

CALCULATED 1005

OBSERVED

SPECIFIC GRAVITY

CALCULATED 0.612

OBSERVED

COPIES TO

ANALYST:

APPROVED:

ADDITIONAL REMARKS AND DATA

FLUID SAMPLE DATA

Sampler Pressure 375 P.S.I.G. at Surface

Recovery: Cu. Ft. Gas
cc. Oil
cc. Water 2250
cc. Mud
Tot. Liquid cc.

Gravity ° API @ °F.

Gas/Oil Ratio cu. ft./bbl.

	RESISTIVITY		CHLORIDE CONTENT
Recovery Water	@ °F.		ppm
Recovery Mud	@ °F.		ppm
Recovery Mud Filtrate	@ °F.		ppm
Mud Pit Sample	@ °F.		ppm
Mud Pit Sample Filtrate	@ °F.		ppm

Mud Weight 8.7 vis 40 SEC

Date	1-1-80
Ticket Number	771076
Kind of Job	OPEN HOLE PACKER DRILL STEM TEST
Halliburton District	VERNAL
Tester	RICH
Witness	L. JOHNSON
Drilling Contractor	AMERICAN DRILLING RIG # 1 NM S

EQUIPMENT & HOLE DATA

Formation Tested	Manning Canyon
Elevation	5442' GL Ft.
Net Productive Interval	- Ft.
All Depths Measured From	Kelly Bushing
Total Depth	7055' Ft.
Main Hole/Casing Size	6 3/4"
Drill Collar Length	823.05' I.D. 2.25"
Drill Pipe Length	6164' I.D. 2.602"
Packer Depth(s)	7018' - 7026' Ft.
Depth Tester Valve	7006' Ft.

Cushion TYPE NONE AMOUNT Ft. Depth Back Pres. Valve NONE Surface Choke 1/8" Bottom Choke .75"

Recovered 91.50' Feet of drilling mud

Recovered 91.50' Feet of water cut mud

Recovered 91.50' Feet of mud cut water

Recovered 366' Feet of water - slight colored

Recovered Feet of

Remarks

Meas. From Tester Valve

TEMPERATURE	Gauge No. 192	Gauge No. 205	Gauge No.
	Depth: 7007' Ft.	Depth: 7051' Ft.	Depth: Ft.
	24 Hour Clock	24 Hour Clock	Hour Clock
Est. 100 °F.	Blanked Off NO	Blanked Off YES	Blanked Off
Actual °F.	Pressures	Pressures	Pressures

		Field	Office	Field	Office	Field	Office	Reported Minutes	Computed Minutes
Initial Hydrostatic		3367	3209.3	STYLUS					
First Period Flow	Initial	27	52.5	DISENGAGED.				16	17
	Final	134	115.9	NO READINGS.				60	59
	Closed in	2571	2617.7						
Second Period Flow	Initial	134	150.9					77	79
	Final	269	309.9					172	169
	Closed in	2598	2620.5						
Third Period Flow	Initial								
	Final								
	Closed in								
Final Hydrostatic		3175	3174.9						

TIME

Tool Opened	0907	A.M. P.M.
Opened Bypass	1432	A.M. P.M.

Legal Location Sec. - Twp. - Rng.: 16 - 16S - 11E

Lease Name: SPIUT

Well No.: 16-1

Test No.: 1

Field Area: WILDCAT

Tested Interval: 7026' - 7055'

County: EMERY

State: UTAH

Lease Owner/Company Name: SKYLINE OIL COMPANY

FORM 181-R1—PRINTED IN U.S.A.

FORMATION TEST DATA

LITTLE'S 98671 10M 8/74

7-11

Casing perfs. _____ Bottom choke _____ Surf. temp. _____ °F Ticket No. 771076

Gas gravity _____ Oil gravity _____ GOR _____

Spec. gravity _____ Chlorides _____ ppm Res. _____ @ _____ °F

INDICATE TYPE AND SIZE OF GAS MEASURING DEVICE USED _____

Date Time a.m. p.m.	Choke Size	Surface Pressure psi	Gas Rate MCF	Liquid Rate BPD	Remarks PAGE # 1
1-1-80 0330					On location.
0400					Making up the tools.
0530					Started tools in the hole.
0800					On bottom - rigged up surface equipment.
0907					Tool opened to the bottom of the bucket
					in 12" of water - in 30 seconds had a
					medium blow.
0909	1/8"	1#			On 60 PSI gauge.
0912	"	2			"
0915	"	3			"
0920	"	3			"
0923	"	3			"
0923					Closed in the tool for the first CIP.
1023					Reopened the tool with a very weak blow.
1025	1/8"	0			Blow was increasing slowly.
1028	"	½			On 60 PSI gauge.
1056	"	2			Blow was building slowly.
1112	"	2			Blow was holding.
1119	"	1½			Blow was decreasing.
1140					Closed in for the final CIP.
1432					Pulled tool loose - opened bypass.
1450					Started out of the hole.
1706					Started out of the hole with collars.
1715					Fluid in 3 stands of collars.
					SEE PAGE # 2

771076

Casing perfs. _____ Bottom choke _____ Surf. temp _____ °F Ticket No. _____

Gas gravity _____ Oil gravity _____ GOR _____

Spec. gravity _____ Chlorides _____ ppm Res. _____ @ _____ °F

INDICATE TYPE AND SIZE OF GAS MEASURING DEVICE USED _____

Date Time a.m. p.m.	Choke Size	Surface Pressure psi	Gas Rate MCF	Liquid Rate BPD	Remarks PAGE # 2
1745					Tools on the surface.
1800					Started breaking out the tools.
1900					Loaded out the truck
2000					Operator released - end of the job.

FORM 162-R1—PRINTED IN U.S.A.

PRODUCTION TEST DATA

LITTLE'S 96672 5M 8/74

11

Gauge No.	192	Depth	7007'	Clock No.	2290	24 hour	Ticket No.	771076

	First Flow Period		First Closed In Pressure			Second Flow Period		Second Closed In Pressure			Third Flow Period		Third Closed In Pressure		
	Time Defl. .000"	PSIG Temp. Corr.	Time Defl. .000"	$\text{Log}\frac{t+\theta}{\theta}$	PSIG Temp. Corr.	Time Defl. .000"	PSIG Temp. Corr.	Time Defl. .000"	$\text{Log}\frac{t+\theta}{\theta}$	PSIG Temp. Corr.	Time Defl. .000"	PSIG Temp. Corr.	Time Defl. .000"	$\text{Log}\frac{t+\theta}{\theta}$	PSIG Temp. Corr.
0	.000	52.5	.000		115.9	.000	150.9	.000		309.9					
1	.0066	63.3*	.0099		670.7**	.0297	153.6***	.0132		1212.1****					
2	.0165	70.0	.0231		2014.9	.0628	184.6	.0494		2295.6					
3	.0264	79.5	.0364		2355.5	.0958	210.2	.0857		2434.6					
4	.0362	92.9	.0496		2457.7	.1288	234.4	.1219		2495.9					
5	.0461	103.7	.0628		2505.4	.1619	254.7	.1582		2530.1					
6	.0560	115.9	.0760		2536.9	.1949	276.2	.1945		2553.4					
7			.0892		2557.5	.2280	292.4	.2307		2568.4					
8			.1025		2571.2	.2610	309.9	.2670		2580.8					
9			.1157		2583.5			.3032		2590.4					
10			.1289		2591.7			.3395		2597.2					
11			.1421		2599.9			.3757		2602.7					
12			.1553		2604.0			.4120		2606.8					
13			.1686		2610.9			.4482		2610.9					
14			.1818		2613.6			.4845		2615.0					
15			.1950		2617.7			.5207		2617.7					
								.5570		2620.5					

Gauge No.	205	Depth	7051'	Clock No.	4090	hour	24

NO READINGS ARE AVAILABLE.. STYLUS DISENGAGED....

0															
1															
2															
3															
4															
5															
6															
7															
8															
9															
10															
11															
12															
13															
14															
15															
Reading Interval	3		4			10		11							Minutes

REMARKS: * INTERVAL = 2 MINUTES. ** INTERVAL = 3 MINUTES. *** INTERVAL = 9 MINUTES. **** INTERVAL = 4 MINUTES.

SPECIAL PRESSURE DATA

TICKET NO. 771076

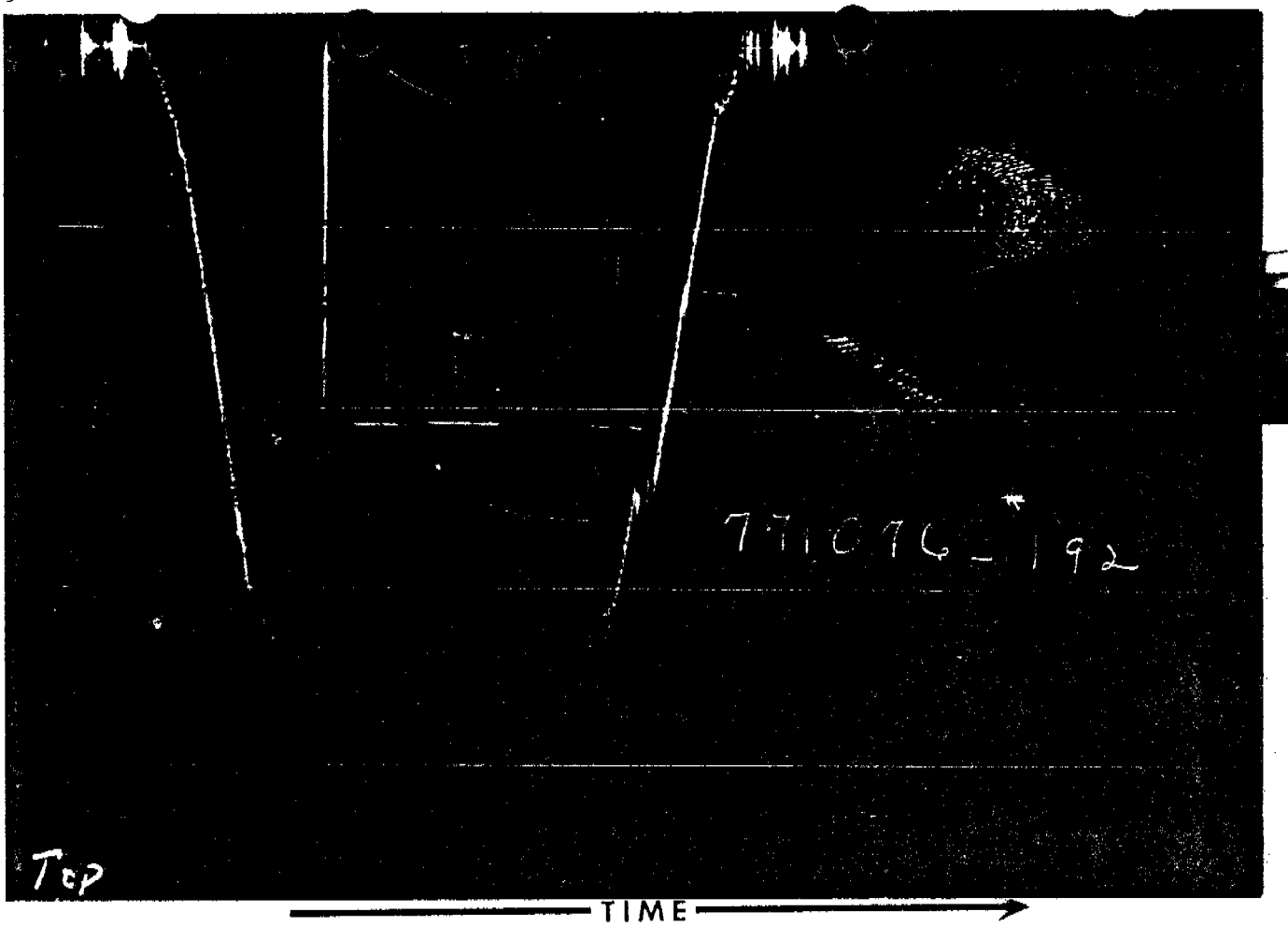
	O. D.	I. D.	LENGTH	DEPTH
Drill Pipe or Tubing				
Reversing Sub	4½"	2"	1'	
Water Cushion Valve				
Drill Pipe	3½"	2.602"	6164'	
Drill Collars	4 3/4"	2¼"	823.05'	
~~Handling Sub & Choke Assembly~~ X-OVER	4 5/8"	2½"	.64'	
~~Dual CIP Valve~~ X-OVER	4 5/8"	2"	.66'	
Dual CIP Sampler	5"	.75"	6.75'	7001'
Hydro-Spring Tester	5"	.75"	5'	7006'
Multiple CIP Sampler				
Extension Joint				
AP Running Case	5"	3.06"	4.00'	7007'
Hydraulic Jar	5"		5.00'	
VR Safety Joint	5"	1.00"	2'	
Pressure Equalizing Crossover				
Packer Assembly	5½"	1.53"	5.81'	7018'
Distributor	5"	1.68"	2'	
Packer Assembly	5½"	1.53"	5.81'	7026'
Flush Joint Anchor				
Pressure Equalizing Tube				
Blanked-Off B.T. Running Case				
Drill Collars				
Anchor Pipe Safety Joint				
Packer Assembly				
Distributor				
Packer Assembly				
Anchor Pipe Safety Joint				
Side Wall Anchor				
Drill Collars				
Flush Joint Anchor	5"	2.37"	23'	
Blanked-Off B.T. Running Case	5"	2.44"	4'	7051'
Total Depth				7055'

FORM 187-R1—PRINTED IN U.S.A.

EQUIPMENT DATA

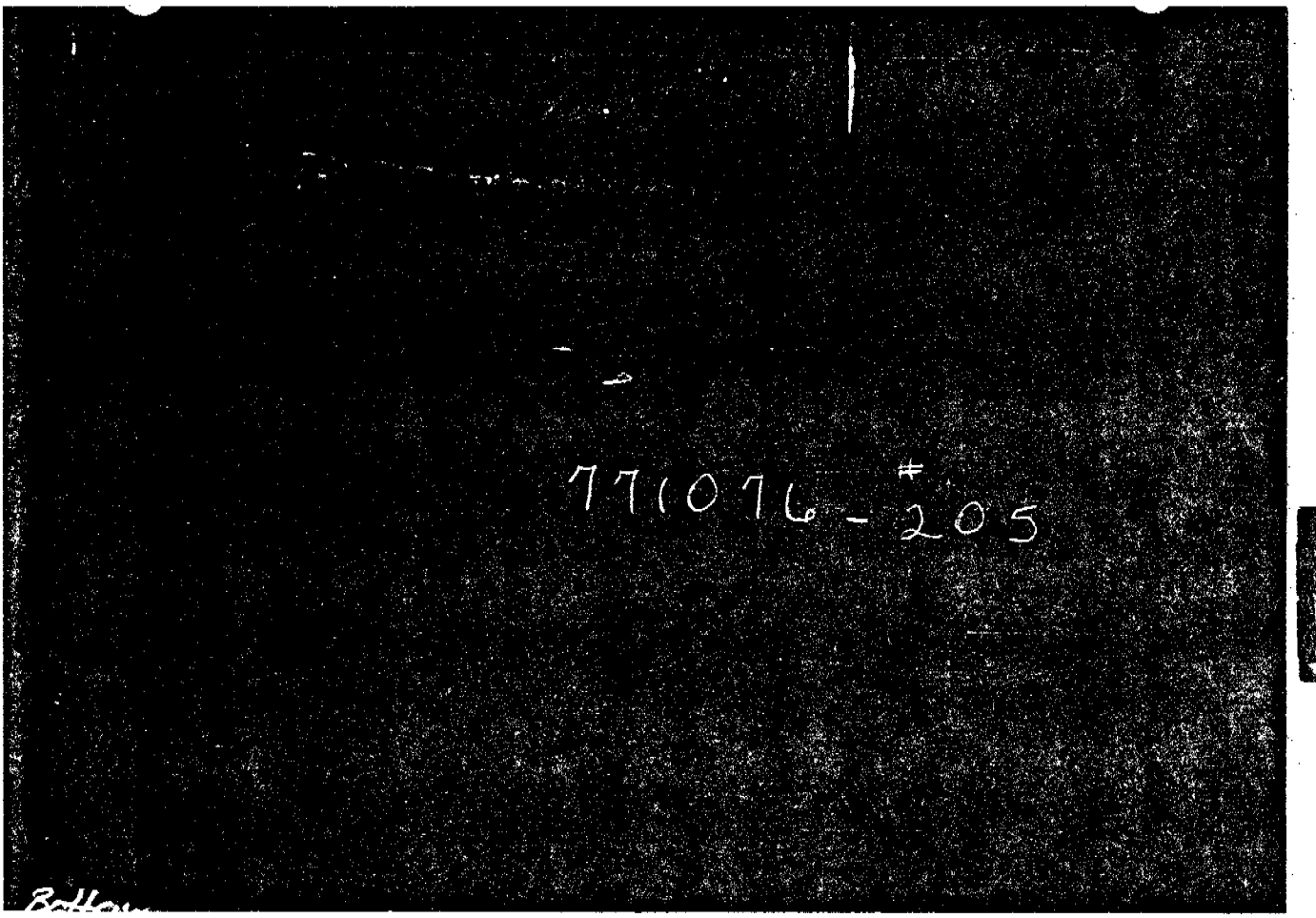
LITTLE'S 96676 75C 8/74

11



PRESSURE

TIME



Each Horizontal Line Equal to 1000 p.s.i.

Phone
713-790-9132

LYNES, INC.

Box 12486
Houston, TX 77017

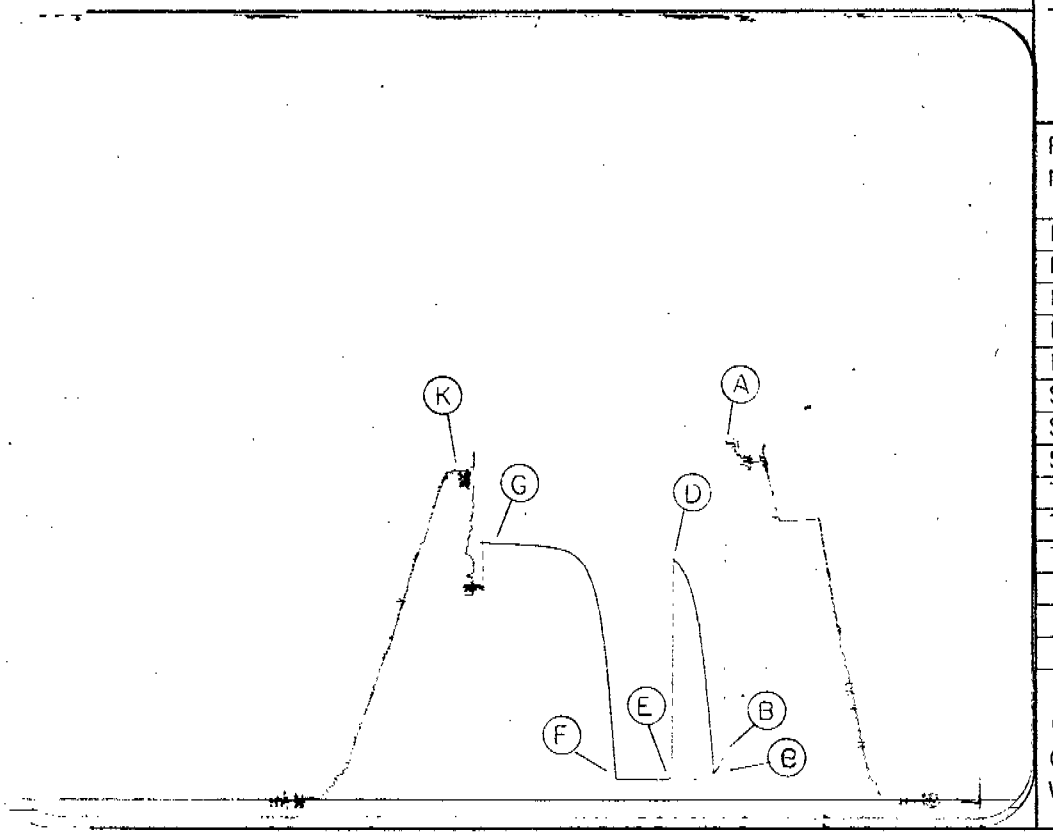
Operator: Skyline Oil Company
Address: See Distribution
Well Name and No.: Skyline SPJUT #16-1
Ticket No.: 20667
Date: 1-11-80
DST No.: 5
No. Final Copies: 11

Contractor	American Drlg. Co.	Top Choke	1/4"
Rig No.	1	Bottom Choke	3/4"
Spot	NE-NW	Size Hole	6 3/4"
Sec.	16	Size Rat Hole	--
Twp.	16 S	Size & Wt. D. P.	3 1/2" 13.30
Rng.	11 E	Size Wt. Pipe	--
Field	Wildcat	I. D. of D. C.	3 1/2"
County	Emery	Length of D. C.	1 3/4"
State	Utah	Total Depth	7922'
Elevation	5465' K.B.	Interval Tested	7682-7922'
Formation	Manning Canyon	Type of Test	Bottom Hole Conventional

Flow No. 1	15	Min.
Shut-in No. 1	60	Min.
Flow No. 2	90	Min.
Shut-in No. 2	180	Min.
Flow No. 3	--	Min.
Shut-in No. 3	--	Min.

Bottom Hole Temp. 183°F
Mud Weight 9.1
Gravity --
Viscosity 40

Tool opened @ 1:15AM



Outside Recorder

PRD Make Kuster AK-1
No. 1478 Cap. 8100 @ 7692'

Press		Corrected
Initial Hydrostatic	A	3713
Final Hydrostatic	K	3621
Initial Flow	B	563
Final Initial Flow	C	337
Initial Shut-in	D	2667
Second Initial Flow	E	281
Second Final Flow	F	263
Second Shut-in	G	2835
Third Initial Flow	H	--
Third Final Flow	I	--
Third Shut-in	J	--

Lynes Dist.: Rock Springs, Wy.
Our Tester: Stormy Hayes
Witnessed By: Larry Johnson

Did Well Flow – Gas yes Oil no Water no

RECOVERY IN PIPE: 383' Gas cut drilling mud.

Top Sample R.W.: .8 @ 60°F = 8700 ppm. chl.
Middle Sample R.W.: .8 @ 60°F = 8700 ppm. chl.
Bottom Sample R.W.: .7 @ 65°F = 9000 ppm. chl.

Blow Description:

1st Flow: Tool opened with a weak blow, increased to bottom of bucket in 4 minutes and continued to increase to 7.0 psi at end of flow period.

2nd Flow: Tool opened with a very strong blow with gas to surface in 75 minutes. See Gas Volume Report.

Form 1

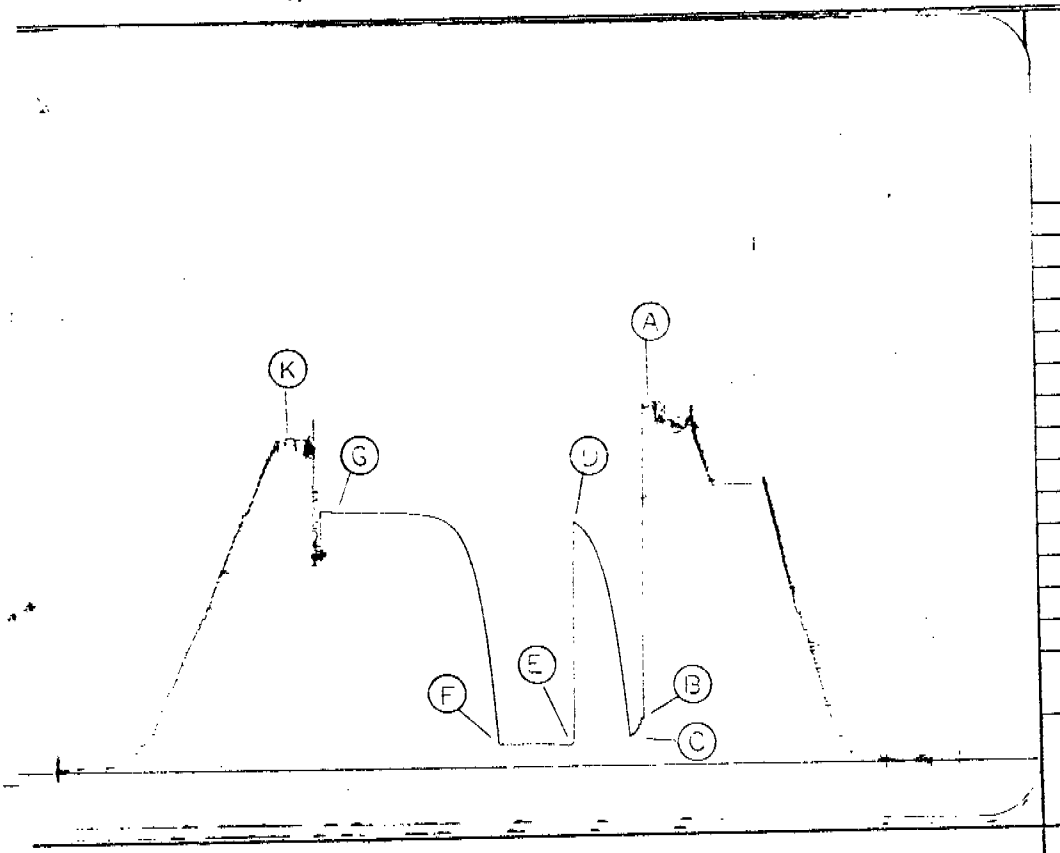
cd

LYNES, INC.

Skyline Oil Company — Operator

Skyline-SPJUT #16-1 — Well Name and No.

5 — DST No.



Outside Recorder

PRD Make Kuster AK-1

No. 10240 Cap. 8300 @ 7797'

Press		Corrected
Initial Hydrostatic	A	3783
Final Hydrostatic	K	3697
Initial Flow	B	601
Final Initial Flow	C	391
Initial Shut-in	D	2703
Second Initial Flow	E	327
Second Final Flow	F	305
Second Shut-in	G	2871
Third Initial Flow	H	--
Third Final Flow	I	--
Third Shut-in	J	--
Pressure Below Bottom Packer Bled To		

PRD Make

No. Cap. @

Press		Corrected
Initial Hydrostatic	A	
Final Hydrostatic	K	
Initial Flow	B	
Final Initial Flow	C	
Initial Shut-in	D	
Second Initial Flow	E	
Second Final Flow	F	
Second Shut-in	G	
Third Initial Flow	H	
Third Final Flow	I	
Third Shut-in	J	
Pressure Below Bottom Packer Bled To		

Form 3

W[redacted] NAME: SKYLINE-SPJUT #1[redacted]

DST NUMBER: 005

RECORDER NUMBER: 001478

INTERVAL TESTED: 7682FT TO 7922FT

RECORDER DEPTH: 7692.000FT

TOTAL FLOW TIME: 15.0MIN

FIRST SHUT IN PRESSURE (GAS)

TIME (MIN) PHI	(T+PHI) /PHI	PRESSURE (PSI)	PRESSURE (PSI^2)/10^6
.0	.0000	337.0	.11357
1.0	16.0000	491.0	.24108
2.0	8.5000	579.0	.33524
3.0	6.0000	706.0	.49844
4.0	4.7500	784.0	.61466
5.0	4.0000	845.0	.71402
6.0	3.5000	923.0	.85193
7.0	3.1429	1041.0	1.08368
8.0	2.8750	1092.0	1.19246
9.0	2.6667	1150.0	1.32250
10.0	2.5000	1222.0	1.49328
12.0	2.2500	1407.0	1.97965
14.0	2.0714	1534.0	2.35316
16.0	1.9375	1643.0	2.69945
18.0	1.8333	1743.0	3.03805
20.0	1.7500	1835.0	3.36722
22.0	1.6818	1913.0	3.65957
24.0	1.6250	2016.0	4.06425
26.0	1.5769	2110.0	4.45210
28.0	1.5357	2186.0	4.77859
30.0	1.5000	2247.0	5.04901
35.0	1.4286	2369.0	5.61216
40.0	1.3750	2467.0	6.08609
45.0	1.3333	2540.0	6.45160
50.0	1.3000	2599.0	6.75480
55.0	1.2727	2637.0	6.95377
60.0	1.2500	2667.0	7.11289

The initial shut-in pressure build-up curve has insufficient character to permit the use of a Horner plot to determine a reliable extrapolated shut-in pressure.

W[illegible] NAME: SKYLINE-SPJUT #1[illegible]

DST NUMBER: 005

RECORDER NUMBER: 001478

INTERVAL TESTED: 7682FT TO 7922FT

RECORDER DEPTH: 7692.000FT

TOTAL FLOW TIME: 105.0MIN

SECOND SHUT IN PRESSURE (GAS)

TIME (MIN) PHI	(T+PHI) /PHI	PRESSURE (PSI)	PRESSURE (PSI^2)/10^6
.0	.0000	263.0	.06917
1.0	106.0000	307.0	.09425
2.0	53.5000	392.0	.15366
3.0	36.0000	482.0	.23232
4.0	27.2500	613.0	.37577
5.0	22.0000	715.0	.51122
6.0	18.5000	814.0	.66260
7.0	16.0000	921.0	.84824
8.0	14.1250	985.0	.97022
9.0	12.6667	1080.0	1.16640
10.0	11.5000	1181.0	1.39476
12.0	9.7500	1368.0	1.87142
14.0	8.5000	1526.0	2.32868
16.0	7.5625	1659.0	2.75228
18.0	6.8333	1780.0	3.16840
20.0	6.2500	1861.0	3.46332
22.0	5.7727	1988.0	3.95214
24.0	5.3750	2084.0	4.34305
26.0	5.0385	2151.0	4.62680
28.0	4.7500	2212.0	4.89294
30.0	4.5000	2290.0	5.24410
40.0	3.6250	2505.0	6.27502
50.0	3.1000	2635.0	6.94322
60.0	2.7500	2708.0	7.33326
70.0	2.5000	2750.0	7.56250
80.0	2.3125	2777.0	7.71173
90.0	2.1667	2793.0	7.80085
100.0	2.0500	2803.0	7.85681
110.0	1.9545	2813.0	7.91297
120.0	1.8750	2818.0	7.94112 *
130.0	1.8077	2822.0	7.96368 *
140.0	1.7500	2826.0	7.98627 *
150.0	1.7000	2829.0	8.00324 *
160.0	1.6563	2831.0	8.01456 *
170.0	1.6176	2833.0	8.02589 *
180.0	1.5833	2835.0	8.03722 *

* VALUES USED IN HORNER ANALYSIS

SLOPE: 1.30430 (PSI^2/10^6)/CYCLE

EXTRAPOLATED PRESSURE: 2881.0 PSI

HORNER PLOT

TEST DATE: 01 11 80

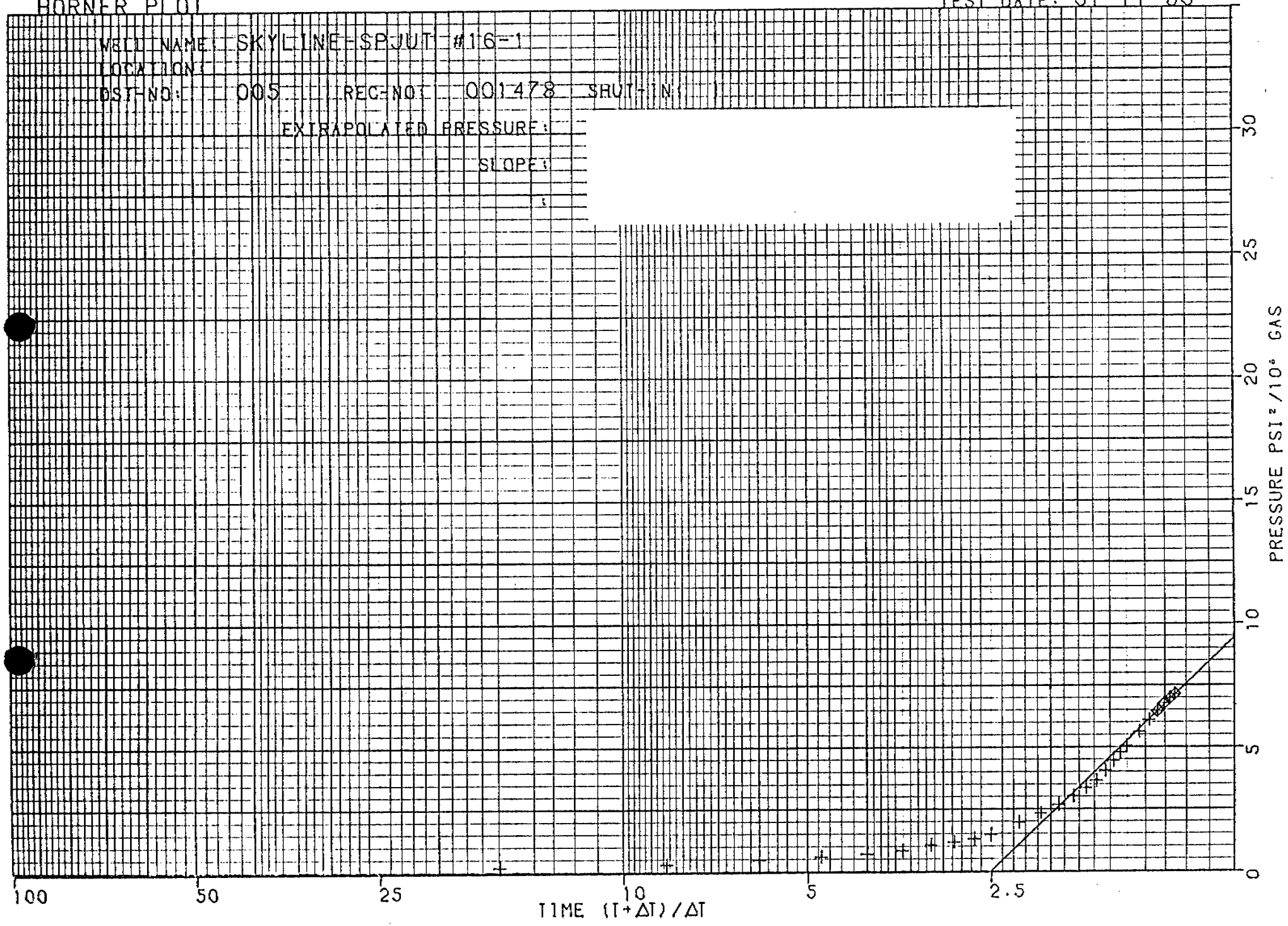
WELL NAME: SKYLINE-SPJUT #16-1

LOCATION:

DST-NO: 005 REC-NO: 001478 SHUT-IN: 1

EXTRAPOLATED PRESSURE:

SLOPE:



HORNER PLOT

TEST DATE: 01 11 80

WELL NAME: SKYLINE-SPJUT #16-1

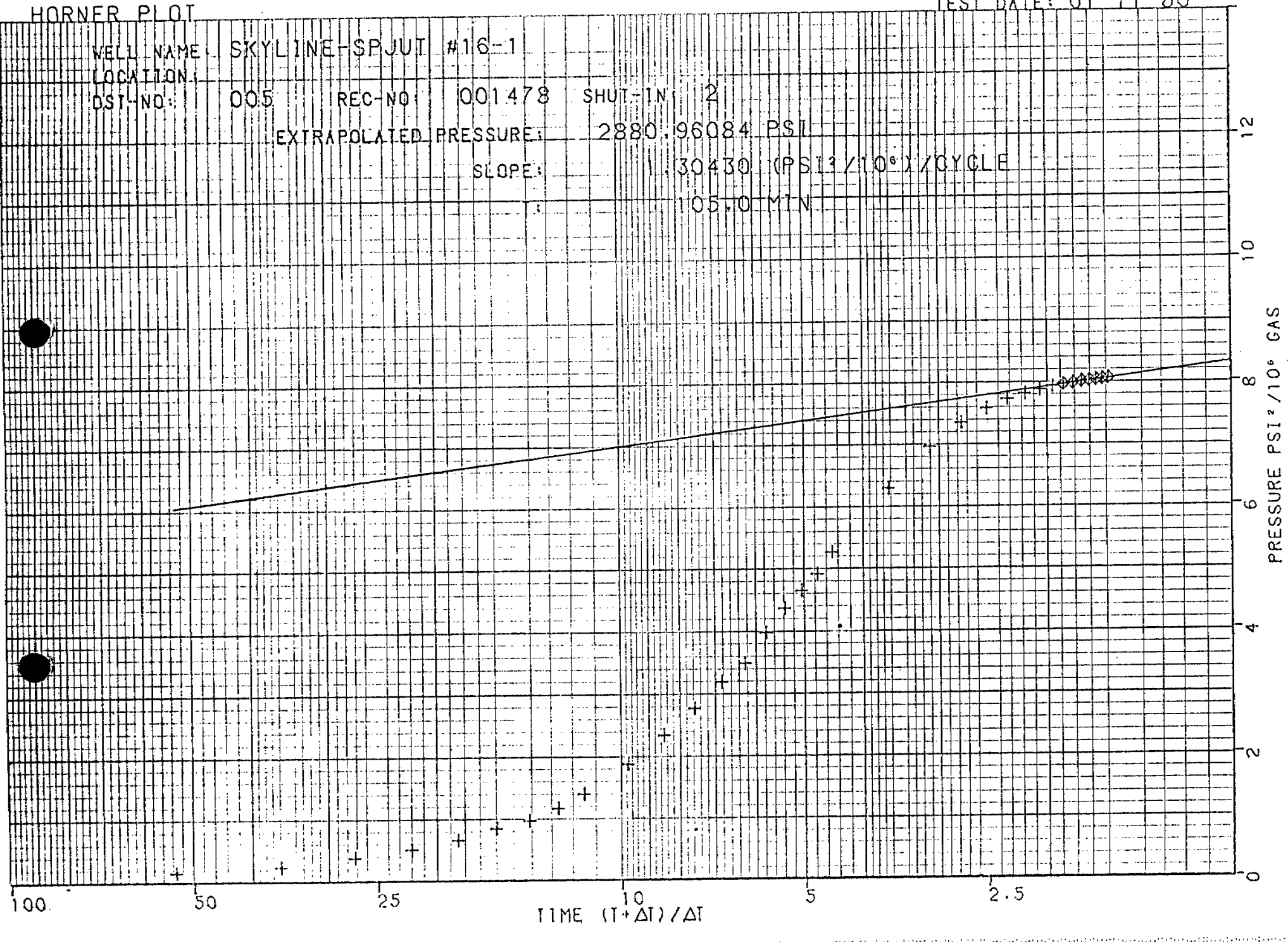
LOCATION:

DST-NO: 005 REC-NO: 001478 SHUT-IN: 2

EXTRAPOLATED PRESSURE: 2880.96084 PSI

SLOPE: .30430 (PSI²/10⁶)/CYCLE

T: 105.0 MIN



LYNES, INC.

Gas Volume Report

Operator Skyline Oil Company Lease & No. Skyline-SPJUT #16-1 DST No. 5

Final Flow:

Min.	PSIG	Orifice Size	MCF/D	Min.	PSIG	Orifice Size	MCF/D
5	33	1/4"	66.2				
10	34	"	67.5				
15	32	"	64.6				
20	28	"	59.0				
25	30	"	61.9				
30	31	"	63.2				
35	33	"	66.2				
40	34	"	67.5				
45	34	"	67.5				
50	34	"	67.5				
55	34	"	67.5				
60	34	"	67.5				
65	34	"	67.5				
70	34	"	67.5				
75	34	"	67.5				
80	34	"	67.5				
85	34	"	67.5				
90	34	"	67.5				

Remarks:

Form 4

LYNES, INC.

Sampler Report

Company: Skyline Oil Company Date: 1-11-80

Well Name & No.: Skyline-SPJUT #16-1 Ticket No.: 20667

County: Emery State: Utah

Test Interval: 7682-7922' DST No.: 5

Total Volume of Sampler: 2000 cc.

Total Volume of Sample: 650 cc.

Pressure in Sampler: 740 psig

Oil: None cc.

Water: None cc.

Mud: 650 cc.

Gas: 2.4 cu. ft.

Other: None

Sample R.W.: .8 @ 65°F = 8000 ppm. chl.

Resistivity

Make Up Water 1.4 @ 60°F of Chloride Content 4600 ppm.

Mud Pit Sample .89 @ 65°F of Chloride Content 7250 ppm.

Gas/Oil Ratio _____ Gravity _____ °API @ _____ °F

Where was sample drained On location.

Remarks:

Form 5

LYNES, INC.

Distribution of Final Reports

Operator Skyline Oil Company Well Name and No. Skyline-SPJUT #16-1

Original & 1 copy:	Skyline Oil Company, 2000 University Club Bldg., Salt Lake City, Utah 84111 Attn: Mr. Reed Spjut
2 copies:	True Oil Company, 106 River Cross Rd. P.O. Box 2360, Casper, Wyoming 82602 Attn: Mr. Elmer S. Parson
2 copies:	Webb Resources, Inc., 2200 First of Denver Plaza, 633 17th Street, Denver, Colorado 80202 Attn: Mr. Fred Meissner
1 copy:	Fuel Resources Development Company, 1250 14th St., P.O. Box 840, Denver, Colorado 80202 Attn: Mr. E.J. Schuh
2 copies:	Rainbow Resources, Inc., 4704 Harlan Street, Denver, Colorado 80212 Attn: Mr. Dan Moberly
1 copy:	Claud B. Hamill, 2306 First City National Bank Bldg., Houston, Texas 77002 Attn: Mr. Charles D. McMurrey
1 copy:	Texas Eastern, P.O. Box 2521, Houston, Texas 77001 Attn: Mr. Geoffrey Newton

Form 6

JS-163

COMPANY SKYLINE OIL COMPANY WELL SPJUT #16-1 TEST NO. 6 COUNTY EMERY STATE UTAH

JOHNSTON

Schlumberger

computerized data analysis

F.R. # 15532 D

JS-166

JOHNSTON
Schlumberger

COMPUTERIZED DATA ANALYSIS

JANUARY 29, 1980

GENTLEMEN:

THE ENCLOSED TEST APPEARS TO BE A GOOD MECHANICAL DRILL STEM TEST DURING WHICH THE TOOLS DID FUNCTION PROPERLY. THE FORMATION PRODUCED ENOUGH RESERVOIR FLUID FOR PROPER IDENTIFICATION. RESERVOIR PRESSURE DRAWDOWN WAS SUFFICIENT AND ADEQUATE SHUT-IN BUILD-UPS DID OCCUR FOR RELIABLE QUANTITATIVE ANALYSIS. RESERVOIR PARAMETERS WERE CALCULATED BY THE HORNER METHOD.

1. FLOW RATE: A FLOW RATE OF 2200 MCF/DAY OF GAS WAS NOTED DURING THIS TEST.

2. RESERVOIR PRESSURE: MECHANICAL STABILIZATION OF THE INITIAL SHUT-IN PRESSURE BUILD-UP INDICATES A MAXIMUM RESERVOIR PRESSURE OF 3464 P.S.I.G. AT RECORDER DEPTH. MECHANICAL STABILIZATION OF THE FINAL SHUT-IN PRESSURE BUILD-UP INDICATES A MAXIMUM RESERVOIR PRESSURE OF 3466 P.S.I.G. AT RECORDER DEPTH. THE DIFFERENCE BETWEEN THE INITIAL AND FINAL SHUT-IN PRESSURE OF +2 P.S.I.G. IS INSIGNIFICANT AND WITHIN RECORDER ACCURACY.

3. PERMEABILITY: THE CALCULATED TRANSMISSIBILITY FACTOR OF 8705 MD.-FT./CP. INDICATES AN AVERAGE EFFECTIVE PERMEABILITY TO GAS OF 1.50 MD. FOR THE REPORTED 107 FOOT TEST INTERVAL. THE CALCULATIONS WERE BASED ON A SLOPE OF 40.7 P.S.I./LOG CYCLE OBTAINED FROM THE FINAL SHUT-IN BUILD-UP PLOT. IT WAS ASSUMED FOR THESE CALCULATIONS: (A) GAS GRAVITY 0.70 (B)VISCOSITY .018 CP. (C) AND GAS DEVIATION FACTOR .83. THESE FIGURES WERE OBTAINED FROM THE AVAILABLE TECHNICAL LITERATURE.

4. WELL BORE DAMAGE: THE CALCULATED DAMAGE RATIO OF 9.05 INDICATES THAT WELL BORE DAMAGE IS PRESENT AT THE TIME AND CONDITIONS OF THIS TEST.

5. RADIUS OF INVESTIGATION: THE CALCULATED RADIUS OF INVESTIGATION OF THIS TEST IS 61 FEET BASED ON AN ASSUMED POROSITY OF 8%, COMPRESSIBILITY OF 3.52×10^{-4}, AND OTHER ASSUMPTIONS MADE IN NUMBER 3 ABOVE.

6. GENERAL COMMENTS: THE FORMATION EXHIBITS THE CHARACTERISTICS OF RELATIVELY GOOD PERMEABILITY EFFECTIVE TO THE RESERVOIR FLUID AND INDICATES THE PRESENCE OF WELL BORE DAMAGE.

Stephen Gardner

STEPHEN GARDNER
RESERVOIR EVALUATION
DEPARTMENT

SKYLINE OIL COMPANY
SPJUT #16-1; EMERY COUNTY, UTAH
TEST #6; 8765' TO 8872'
SEC.16-T16S-R11E

FIELD REPORT # 15532 D

In making any interpretation, our employees will give Customer the benefit of their best judgment as to the correct interpretation. Nevertheless, since all interpretations are opinions based on inferences from electrical, mechanical or other measurements, we cannot, and do not guarantee the accuracy or correctness of any interpretations, and we shall not be liable or responsible, except in the case of gross or wilful negligence on our part, for any loss, costs, damages or expenses incurred or sustained by Customer resulting from any interpretation

Gas Reservoir Engineering Data

JOHNSTON

Instrument No. J-230

Field Report No. 15532 D

Damage Ratio	DR	9.05		Effective Transmissibility GAS	$\frac{Kh}{\mu}$	8705	$\frac{Md\text{-}ft.}{Cp.}$
Maximum Reservoir Pressure FINAL SHUT-IN	P_o	3466	P.S.I.G.	Flow Rate GAS	Q_g	2200	MCF/day
Slope of Shut-in Curve FINAL SHUT-IN	M_g	40.7	PSI/log cycle	Flow Rate	Q	–	
Potentiometric Surface (Datum Plane, Sea Level)	PS	4674	ft.	Pressure Gradient		.395	PSI/ft.
Radius of Investigation		61	ft.	K (Effective to GAS .)		1.50	Md.

SLOPE M_G = 3484 − 3443.3 = 40.7

Assumptions made for Calculations for Gas Recoveries

1. Q_g is taken as steady state flow and unless stated otherwise at standard conditions 14.7 P.S.I. and 60°F.
2. P_f is final formation flowing pressure at steady state flow.
3. Formation flow is taken as single phase flow. If liquid (condensate) is produced at surface, condensation is assumed to have occurred in drill pipe.
4. Radial flow is assumed.
5. Unless given, gas specific gravity is assumed to be 0.7 (air 1.0) and having pseudo critical temperature at 385° Rankin and pseudo critical pressure of 666 P.S.I.A.
6. Other standard radial flow, steady state assumptions.

Empirical Equations:

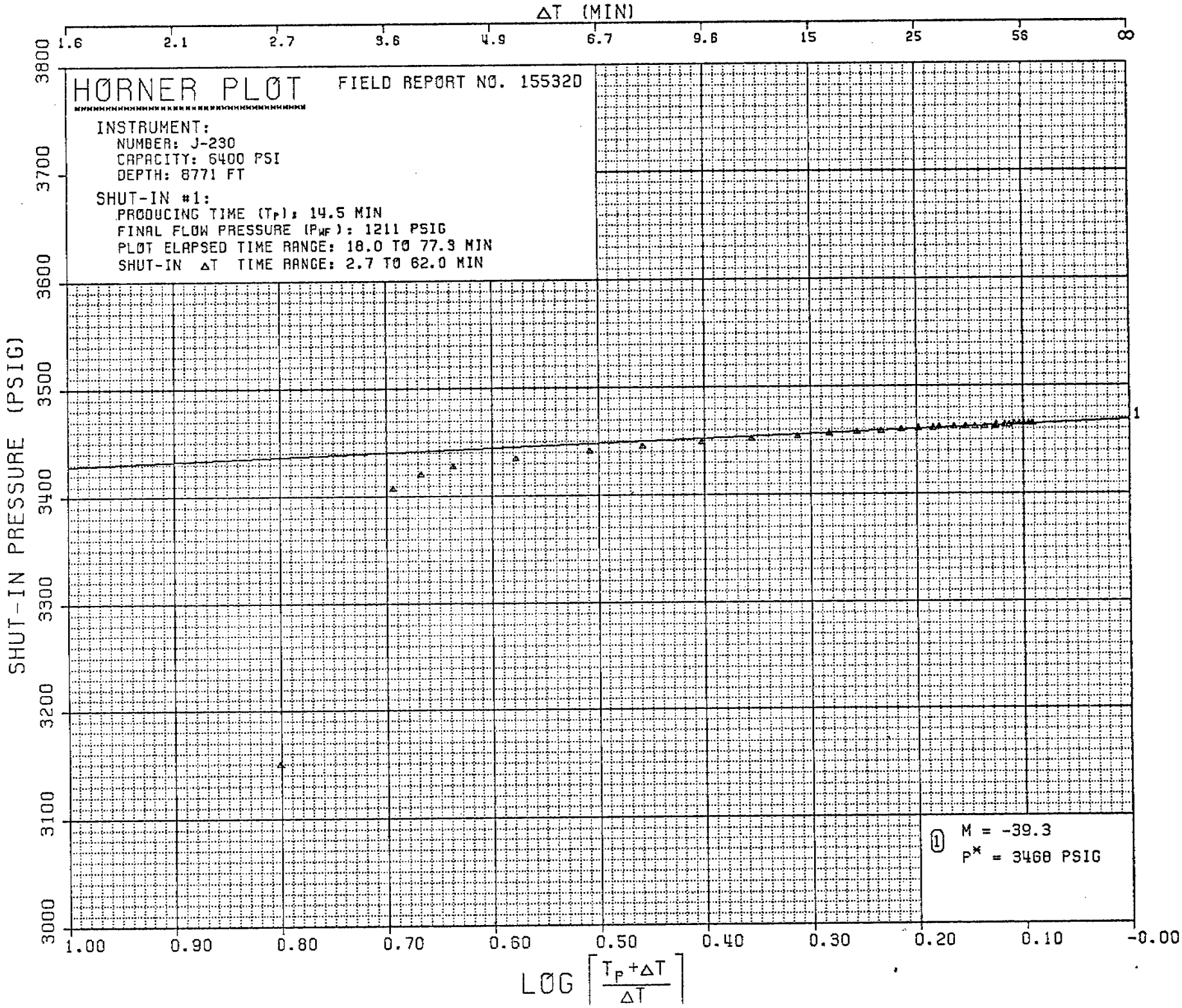
1. $EDR = \dfrac{P_o^2 - P_f^2}{M_g(\log T + 2.65)}$ where $M_g = \dfrac{P_1^2 - P_{10}^2}{\text{Log Cycle}}$

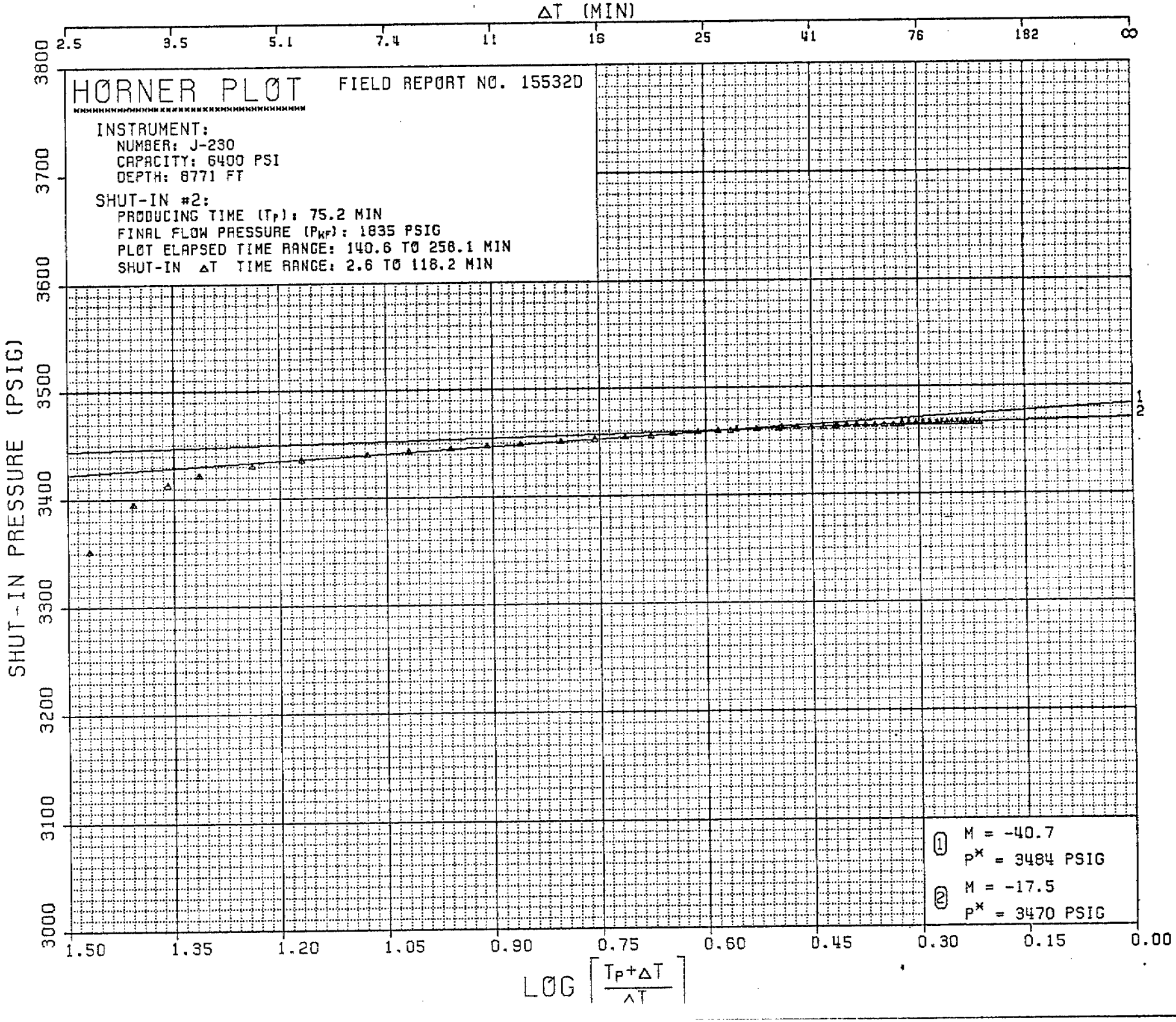
2. Transmissibility $\dfrac{Kh}{\mu Z} = \dfrac{1637°T_f Q_g}{M_g}$

3. P.S. = $\left[P_o \times 2.309 \text{ ft./PSI}\right]$ − $\left[\text{Recorder depth to sea level.}\right]$

4. Radius of Investigation, $r_i = \sqrt{\dfrac{Kt}{406\,(1 - S_w)\mu c}}$ where t = time in days

In making any interpretation, our employees will give Customer the benefit of their best judgment as to the correct interpretation. Nevertheless, since all interpretations are opinions based on inferences from electrical, mechanical or other measurements, we cannot, and do not, guarantee the accuracy or correctness or any interpretations, and we shall not be liable or responsible, except in the case of gross or wilful negligence on our part, for any loss, costs, damages or expenses incurred or sustained by Customer resulting from any interpretation made by any of our agents or employees.


ΔT (MIN)
1.6
2.1
2.7
3.6
4.9
6.7
9.6
15
25
56
∞
HØRNER PLØT
FIELD REPORT NØ. 15532D
INSTRUMENT:
NUMBER: J-230
CAPACITY: 6400 PSI
DEPTH: 8771 FT
SHUT-IN #1:
PRØDUCING TIME (Tp): 14.5 MIN
FINAL FLØW PRESSURE (PWF): 1211 PSIG
PLØT ELAPSED TIME RANGE: 18.0 TØ 77.3 MIN
SHUT-IN ΔT TIME RANGE: 2.7 TØ 62.0 MIN
SHUT-IN PRESSURE (PSIG)
3800
3700
3600
3500
3400
3300
3200
3100
3000
1
1 M = -39.3
P* = 3468 PSIG
1.00
0.90
0.80
0.70
0.60
0.50
0.40
0.30
0.20
0.10
-0.00
LØG [(Tp+ΔT)/ΔT]


ΔT (MIN)
2.5
3.5
5.1
7.4
11
16
25
41
76
182
∞
HØRNER PLØT
FIELD REPORT NO. 15532D
INSTRUMENT:
NUMBER: J-230
CAPACITY: 6400 PSI
DEPTH: 8771 FT
SHUT-IN #2:
PRODUCING TIME (Tp): 75.2 MIN
FINAL FLOW PRESSURE (PWF): 1835 PSIG
PLØT ELAPSED TIME RANGE: 140.6 TØ 258.1 MIN
SHUT-IN ΔT TIME RANGE: 2.6 TØ 118.2 MIN
SHUT-IN PRESSURE (PSIG)
3800
3700
3600
3500
3400
3300
3200
3100
3000
1
2
① M = -40.7
P* = 3484 PSIG
② M = -17.5
P* = 3470 PSIG
1.50
1.35
1.20
1.05
0.90
0.75
0.60
0.45
0.30
0.15
0.00
LØG [Tp+ΔT / ΔT]

FIELD REPORT NO. 15532D

INSTRUMENT:

NUMBER: J-230

CAPACITY: 6400 PSI

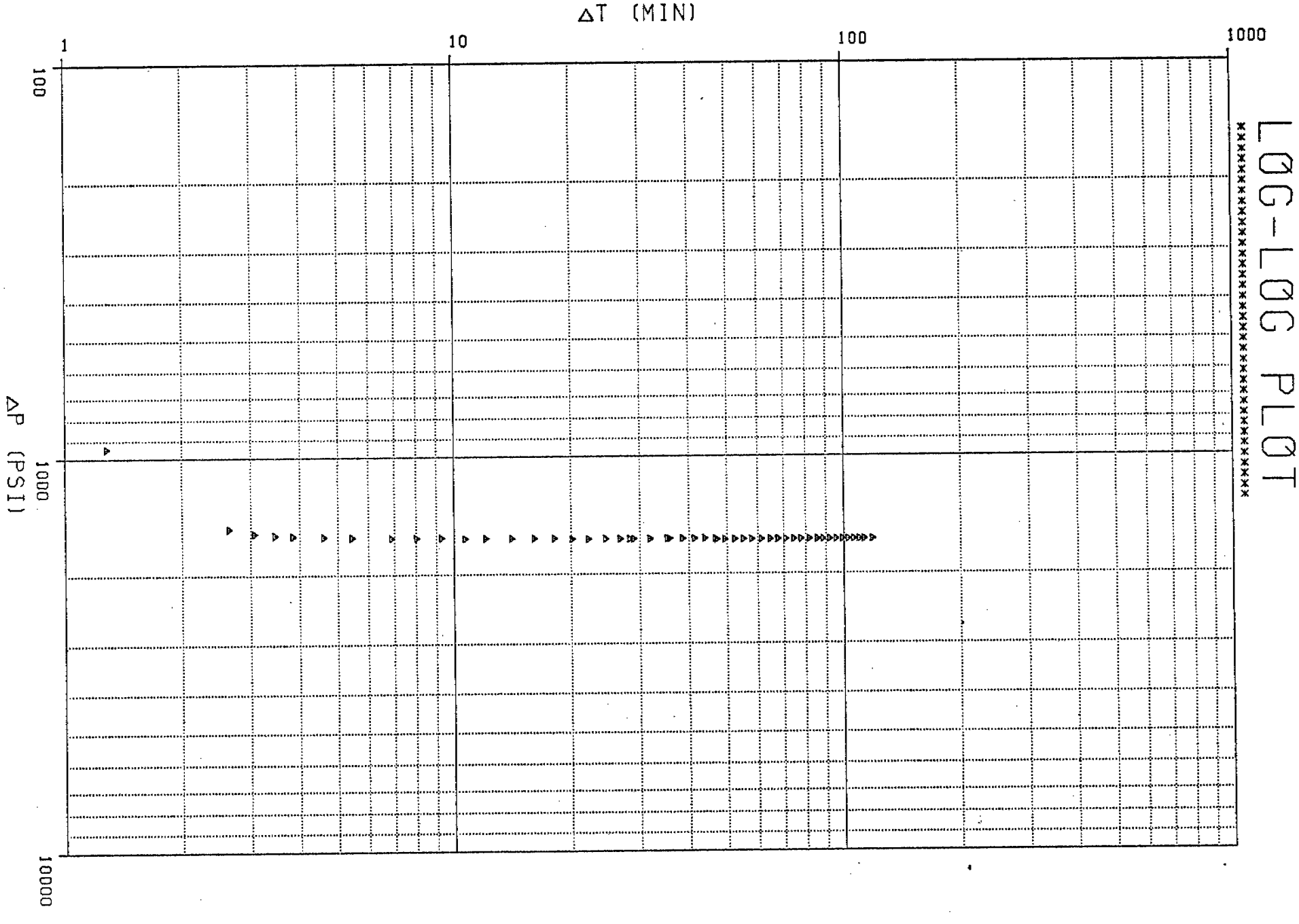
DEPTH: 8771 FT

SHUT-IN #2:

FINAL FLOW PRESSURE (P_{WF}): 1835 PSIG

PLOT ELAPSED TIME RANGE: 139.2 TO 256.1 MIN

SHUT-IN ΔT TIME RANGE: 1.3 TO 118.2 MIN



WELL IDENTIFICATION

COMPANY:	SKYLINE OIL COMPANY C/O K.A. MINERALS MANAGEMENT		2360 ANACONDA TOWER 555-17TH STREET DENVER, COLORADO 80202
WELL:	SPJ UT #16-1	LOCATION:	SEC. 16 - T16S - R11E
TEST INTERVAL:	8765' TO 8872'	FIELD:	WILD CAT
TEST NO:	6	TEST DATE:	1-19-80
COUNTY:	EMERY	STATE:	UTAH
TECHNICIAN:	RICHARDS (VERNAL)	TEST APPROVED BY:	MR. L. JOHNSON

EQUIPMENT AND HOLE DATA

TEST TYPE:	M.F.E. OPEN HOLE		DRILL PIPE LENGTH:	7876	FT.
			DRILL PIPE I.D.:	3 1/8	IN.
ELEVATION:	5442	FT.	DRILL COLLAR LENGTH:	854	FT.
TOTAL DEPTH:	8872	FT.	DRILL COLLAR I.D.:	2 1/8	IN.
MAIN HOLE/CASING SIZE:	6 3/4	IN.	PACKER DEPTHS:	8761 & 8765	FT.
RAT HOLE/LINER SIZE:	-	IN.		&	FT.
FORMATION TESTED:	DESERET			&	FT.
NET PROD. INTERVAL:	107	FT.	DEPTHS REF. TO:	KELLY BUSHING	
POROSITY:	8	%			

TEST TOOL CHAMBER DATA

SAMPLER PRESSURE:	250	PSIG
RECOVERED OIL GRAVITY:	- API @	- DEG. F.
RECOVERY GOR:	-	FT3/BBL.

SAMPLE CHAMBER CONTENTS

FLUID	VOLUME	RESIST. (OHM-M)	MEAS. TEMP. (DEG F.)	CHLOR. (PPM)
GAS:	1.0 FT.3			
OIL:	- CC			
WATER:	480 CC	.11	60	37000
MUD:	- CC	-	-	
FILTRATE:		-	-	-
TOTAL LIQUID:	480 CC			

MUD DATA

TYPE:	LIGHTLY DISPERSED GEL		
WEIGHT:	9.0	LB/GAL.	
VISCOSITY:	45	SEC.	
WATER LOSS:	-	CC	
FLUID	RESIST (OHM-M)	TEMP (DEG F)	CHLOR (PPM)
MUD:	.90	60	
FILTRATE:	10.1	58	550

REMARKS

NO. OF REPORTS REQUESTED: 12 (7X)

FIELD REPORT NO. 15532D

SURFACE INFORMATION

DESCRIPTION(RATE OF FLOW)	TIME	PRESSURE PSIG	SURFACE CHOKE
SET PACKER (1-19-8Ø)	2334	-	-
OPENED TOOL	2336	-	1/4"
BLOW OFF BOTTOM OF BUCKET			
	2339	4Ø	"
	234Ø	8Ø	"
	2343	2ØØ	"
CLOSED FOR INITIAL SHUT-IN	2351	455	"
FINISHED SHUT-IN (1-2Ø-8Ø)	ØØ51	5	"
RE-OPENED TOOL	ØØ52	4	3/8"
	ØØ56	7	"
65Ø MCF/DAY	Ø1Ø1	175	"
MUD TO SURFACE (MIST) 12ØØ MCF/DAY	Ø11Ø	375	"
15ØØ MCF/DAY	Ø112	425	"
2ØØØ MCF/DAY	Ø131	625	"
21ØØ MCF/DAY	Ø138	7ØØ	"
22ØØ MCF/DAY	Ø14Ø	725	"
CLOSED FOR FINAL SHUT-IN	Ø152	725	"
FINISHED SHUT-IN	Ø352	-	"
PULLED PACKER LOOSE	Ø353	-	"

CUSHION TYPE: - - FT - PSIG | 15/16 IN. BOTTOM CHOKE

RECOVERY INFORMATION

RECOVERY	FEET	BARRELS	%OIL	%WATER	%OTHERS	API GRAV.	DEG.	RESIST	DEG.	CHL PPM
WATER	216	Ø.95						.26	62	3ØØØ
WATER	217	Ø.95						.14	72	44ØØØ
MUD	217	Ø.95						.13	62	3ØØØØ

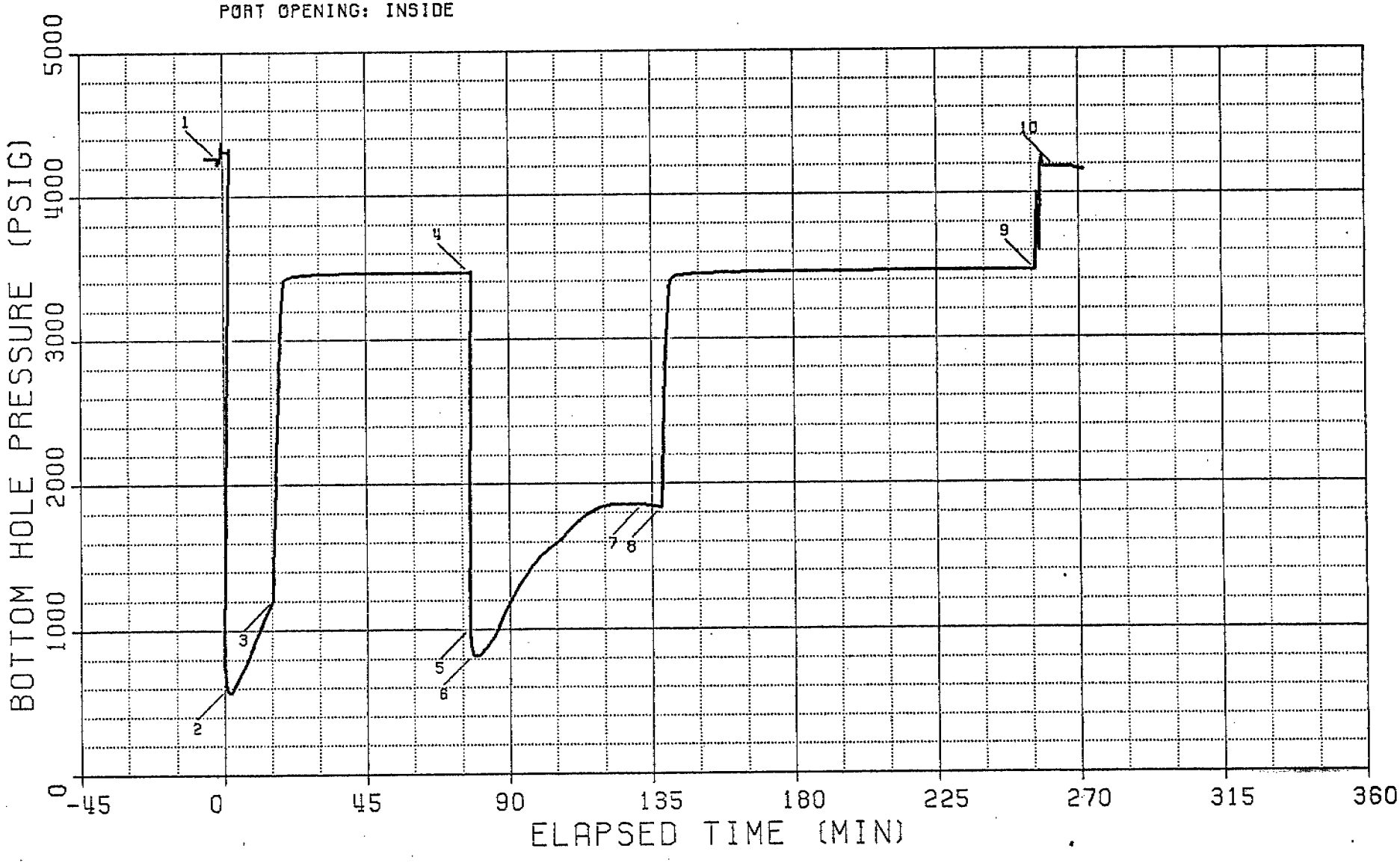
FIELD REPORT NO. 15532D

PRESSURE LOG

FIELD REPORT NO. 15532D

INSTRUMENT:

NUMBER: J-230
CAPACITY: 6400 PSI
DEPTH: 8771 FT
PORT OPENING: INSIDE



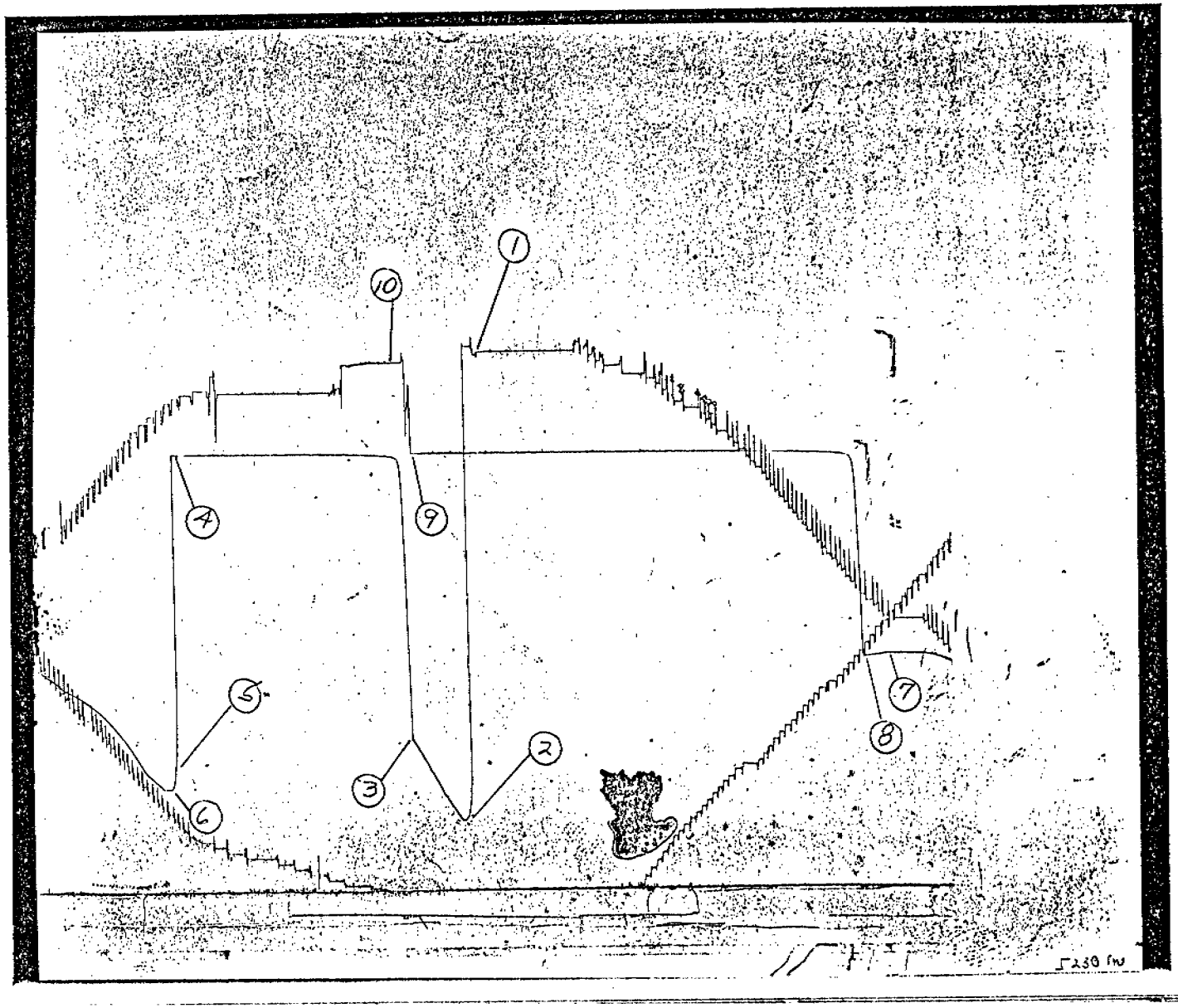
FIELD REPORT NO.: 15532 D

CAPACITY: 6400#

INSTRUMENT NO.: J-230

NUMBER OF REPORTS: 12-

JOHNSTON
Schlumberger



JS—167

BOTTOM HOLE PRESSURE AND TIME DATA

INSTRUMENT NO.: J-230 CAPACITY (PSI): 6400 DEPTH (FT): 8771
PORT OPENING: INSIDE BOTTOM HOLE TEMP (F): 168

EXPLANATION	LABELED POINT	PRESSURE (PSIG)	ELAPSED TIME (MIN)
HYDROSTATIC MUD	1	4260	-1.9
START FLOW	2	596	0.8
END FLOW & START SHUT-IN	3	1211	15.3
END SHUT-IN	4	3464	77.3
START FLOW	5	1010	77.2
FLOW POINT	6	827	78.4
FLOW POINT	7	1858	132.0
END FLOW & START SHUT-IN	8	1835	138.0
END SHUT-IN	9	3466	256.1
HYDROSTATIC MUD	10	4179	262.5

SUMMARY OF FLOW PERIODS

FLOW PERIOD	ELAPSED TIME AT START (MIN)	ELAPSED TIME AT END (MIN)	DURATION OF FLOW (MIN)	PRESSURE AT START (PSIG)	PRESSURE AT END (PSIG)
1	0.8	15.3	14.5	596	1211
2	77.2	138.0	60.7	1010	1835

SUMMARY OF SHUT-IN PERIODS

SHUT-IN PERIOD	ELAPSED TIME AT START (MIN)	ELAPSED TIME AT END (MIN)	DURATION OF SHUT-IN (MIN)	PRESSURE AT START (PSIG)	PRESSURE AT END (PSIG)	FINAL FLOW PRESSURE (PSIG)	PRODUCING TIME (MIN)
1	15.3	77.3	62.0	1211	3464	1211	14.5
2	138.0	256.1	118.2	1835	3466	1835	75.2

FIELD REPORT NO. 15532D
INSTRUMENT NO. J-230

TEST PHASE : FLOW PERIOD # 1
****

ELAPSED TIME (MIN)	DELTA TIME (MIN)	FLOWING PRESSURE (PSIG)
0.8	0.0	596
5.8	5.0	726
10.8	10.0	986
15.3	14.5	1211

TEST PHASE : SHUT-IN PERIOD # 1
****

1. FINAL FLOW PRESSURE ["P_{WF}"] = 1211 PSIG
2. PRODUCING TIME ["T_P"] = 14.5 MIN

ELAPSED TIME (MIN)	DELTA TIME ["DT"] (MIN)	SHUT-IN PRESSURE ["P_{WS}"] (PSIG)	LOG [(T_P+DT)/DT]	DELTA PRESSURE [P_{WS} - P_{WF}]
15.3	0.0	1211		0
16.3	1.0	1954	1.190	744
17.3	2.0	2658	0.916	1447
18.3	3.0	3225	0.766	2014
19.3	4.0	3420	0.665	2209
20.3	5.0	3432	0.591	2222
21.3	6.0	3438	0.534	2228
22.3	7.0	3443	0.487	2232
23.3	8.0	3445	0.449	2235
24.3	9.0	3448	0.417	2237
25.3	10.0	3449	0.389	2239
27.3	12.0	3452	0.344	2241
29.3	14.0	3454	0.309	2243
31.3	16.0	3456	0.280	2245
33.3	18.0	3457	0.257	2246
35.3	20.0	3458	0.237	2247
37.3	22.0	3459	0.220	2248
39.3	24.0	3460	0.205	2249
41.3	26.0	3461	0.192	2250
43.3	28.0	3461	0.181	2251
45.3	30.0	3462	0.171	2251
50.3	35.0	3462	0.151	2251
55.3	40.0	3462	0.134	2251
60.3	45.0	3464	0.121	2253
65.3	50.0	3464	0.111	2253
70.3	55.0	3464	0.102	2254
75.3	60.0	3464	0.094	2254
77.3	62.0	3464	0.091	2254

FIELD REPORT NO. 15532D
INSTRUMENT NO. J-230

TEST PHASE : FLOW PERIOD # 2
****

ELAPSED TIME (MIN)	DELTA TIME (MIN)	FLOWING PRESSURE (PSIG)
77.2	0.0	1010
82.2	5.0	873
87.2	10.0	1055
92.2	15.0	1271
97.2	20.0	1434
102.2	25.0	1548
107.2	30.0	1635
112.2	35.0	1746
117.2	40.0	1820
122.2	45.0	1854
127.2	50.0	1857
132.2	55.0	1857
137.2	60.0	1837
138.0	60.7	1835

TEST PHASE : SHUT-IN PERIOD # 2
****

1. FINAL FLOW PRESSURE ["P_{WF}"] = 1835 PSIG
2. PRODUCING TIME ["T_P"] = 75.2 MIN

ELAPSED TIME (MIN)	DELTA TIME ["DT"] (MIN)	SHUT-IN PRESSURE ["P_{WS}"] (PSIG)	LOG [(T_P+DT)/DT]	DELTA PRESSURE [P_{WS} - P_{WF}]
138.0	0.0	1835		0
139.0	1.0	2574	1.882	739
140.0	2.0	3082	1.587	1247
141.0	3.0	3388	1.416	1553
142.0	4.0	3423	1.297	1588
143.0	5.0	3433	1.205	1597
144.0	6.0	3437	1.132	1602
145.0	7.0	3440	1.070	1605
146.0	8.0	3443	1.017	1608
147.0	9.0	3445	0.971	1610
148.0	10.0	3446	0.931	1611
150.0	12.0	3449	0.861	1614
152.0	14.0	3451	0.804	1616
154.0	16.0	3453	0.756	1618
156.0	18.0	3454	0.714	1619
158.0	20.0	3456	0.678	1621
160.0	22.0	3457	0.645	1622
162.0	24.0	3459	0.616	1624
164.0	26.0	3459	0.590	1624
166.0	28.0	3459	0.567	1624

FIELD REPORT NO. 15532D
INSTRUMENT NO. J-230

TEST PHASE : SHUT-IN PERIOD # 2
****

1. FINAL FLOW PRESSURE ["P_{WF}"] = 1835 PSIG
2. PRODUCING TIME ["T_P"] = 75.2 MIN

ELAPSED TIME (MIN)	DELTA TIME ["DT"] (MIN)	SHUT-IN PRESSURE ["P_{WS}"] (PSIG)	LOG [(T_P+DT)/DT]	DELTA PRESSURE [P_{WS} - P_{WF}]
168.0	30.0	3461	0.545	1626
173.0	35.0	3461	0.498	1626
178.0	40.0	3462	0.459	1627
183.0	45.0	3462	0.427	1627
188.0	50.0	3464	0.399	1629
193.0	55.0	3464	0.374	1629
198.0	60.0	3464	0.353	1629
203.0	65.0	3464	0.334	1629
208.0	70.0	3466	0.317	1631
213.0	75.0	3466	0.302	1631
218.0	80.0	3466	0.238	1631
223.0	85.0	3466	0.275	1631
228.0	90.0	3466	0.264	1631
233.0	95.0	3466	0.253	1631
238.0	100.0	3466	0.244	1631
243.0	105.0	3466	0.235	1631
248.0	110.0	3466	0.226	1631
253.0	115.0	3466	0.219	1631
256.1	118.2	3466	0.214	1631

LITE RESEARCH LABORATORIES

P. O. Box 266 Fort Duchesne, Utah 84026 (801) 722-2254

CHROMATOGRAPHIC ANALYSIS REPORT

RUN NUMBER: GC-8784
DATE OF RUN:

SKYLINE OIL COMPANY **SAMPLE DATA** #1 Low Pressure

METER STATION NO:		DESCRIPTION: D. S. T. #6	
MAIN LINE NO:			
FIELD:	CYL. PRESS., PSI	LOCATION: Emery County, Utah	FORMATION:
CYLINDER NO:	WELL NO: Spjut #16-1	LINE PRESS., PSI	A.T.M. TEMP: °F / F.G. TEMP: °F

SUBMITTED BY:	MONTH:	DAY:	HOUR:	YEAR:
	1	22		1980

REMARKS
Field Report No.#15532D

ANALYSIS

	MOLE [%]	G.P.M.	LIQUID [%]
HYDROGEN-SULFIDE			
HELIUM			
CARBON-DIOXIDE	4.87		
HYDROGEN			
OXYGEN	.55		
NITROGEN	88.56		
METHANE	4.66		
ETHANE	.58		
PROPANE	TR		
PROPYLENE			
ISO-BUTANE	TR		
N-BUTANE	TR		
ISO BUTYLENE & BUTENE I	TR		
TRANS BUTENE 2			
CIS BUTENE 2			
ISO-PENTANE	TR		
N-PENTANE	TR		
HEXANIES & HIGHER	.78	.320	100
TOTAL	100	.320	100

HEATING VALUE
B.T.U./CU. FT. 30 IN. HG, 60°F, DRY

CALCULATED 95

OBSERVED

SPECIFIC GRAVITY

CALCULATED 0.985

OBSERVED

COPIES TO

ANALYST:

APPROVED:

ADDITIONAL REMARKS AND DATA

Called John Luchetta January 23, 1980 also Dick Reed January 24, 1980 @ 9:30a.m. both were given the results and that the Helium report will be forth coming.

LITE RESEARCH LABORATORIES

P. O. Box 266 Fort Duchesne, Utah 84026 (801) 722-2254

CHROMATOGRAPHIC ANALYSIS REPORT

RUN NUMBER GC-9785
DATE OF RUN

SKYLINE COMPANY OIL

SAMPLE DATA #2 Water/sludge

METER STATION NO:			DESCRIPTION: D. S. T. #6	
MAIN LINE NO:				
FIELD:	CYL. PRESS., PSI		LOCATION: Emergy County, Utah	FORMATION:
CYLINDER NO:	WELL NO: Spjut #16-1	LINE PRESS., PSI	A.T.M. TEMP: °F	F.G. TEMP: °F

SUBMITTED BY:	MONTH:	DAY:	HOUR:	YEAR:
	1	22		1980

REMARKS

Field Report No.#15532D

ANALYSIS

	MOLE [%]	G.P.M.	LIQUID [%]
HYDROGEN-SULFIDE			
HELIUM			
CARBON-DIOXIDE	2.66		
HYDROGEN			
OXYGEN	.40		
NITROGEN	92.06		
METHANE	4.52		
ETHANE	.21		
PROPANE	TR		
PROPYLENE			
ISO-BUTANE	TR		
N-BUTANE	.01	.003	5.19
ISO BUTYLENE & BUTENE I			
TRANS BUTENE 2	TR		
CIS BUTENE 2			
ISO-PENTANE	TR		
N-PENTANE	TR		
HEXANIES & HIGHER	.14	.057	94.81
TOTAL	100	.061	100.00

HEATING VALUE
B.T.U./CU. FT. 30 IN. HG, 60°F, DRY

CALCULATED 56

OBSERVED

SPECIFIC GRAVITY

CALCULATED 0.962

OBSERVED

COPIES TO

ANALYST:

APPROVED:

ADDITIONAL REMARKS AND DATA

Form OGC-1b

SUBMIT IN TRIPLICATE*
(Other instructions on reverse side)

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

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.)

5. LEASE DESIGNATION AND SERIAL NO.: ML-29350

6. IF INDIAN, ALLOTTEE OR TRIBE NAME:

7. UNIT AGREEMENT NAME:

8. FARM OR LEASE NAME: Skyline-Spjut

9. WELL NO.: 16-1

10. FIELD AND POOL, OR WILDCAT: Wildcat

11. SEC., T., R., M., OR BLK. AND SURVEY OR AREA: Sec. 16, T 16 S, R 11 E W

1. OIL WELL ☐ GAS WELL ☐ OTHER Wildcat

2. NAME OF OPERATOR: SKYLINE OIL COMPANY

3. ADDRESS OF OPERATOR: 2000 University Club Building, Salt Lake City, Utah 84111

4. LOCATION OF WELL (Report location clearly and in accordance with any State requirements.* See also space 17 below.) At surface: 660' FNL & 1980' FWL SEC. 16

14. PERMIT NO.: 43-015-30067

15. ELEVATIONS (Show whether DF, RT, GR, etc.): 5442' GR

12. COUNTY OR PARISH: Emery

13. 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	☐	PULL OR ALTER CASING	☐	WATER SHUT-OFF	☐	REPAIRING WELL	☐
FRACTURE TREAT	☐	MULTIPLE COMPLETE	☐	FRACTURE TREATMENT	☐	ALTERING CASING	☐
SHOOT OR ACIDIZE	☐	ABANDON*	☐	SHOOTING OR ACIDIZING	☐	ABANDONMENT*	☐
REPAIR WELL	☐	CHANGE PLANS	☐	(Other) Temporary Abandonment			X
(Other)			☐	(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.)*

Well has been temporarily abandoned pending further evaluation.
A 28 Sx Class "H" cement plug was spotted from 8791' to 8661' across the top of the Deseret Formation. Top of Deseret is 8726'.
A drillable bridge plug was set at 6265' in the 7-5/8" casing which is set at 6374'.
A blind flange was installed on top of the tubing head.

RECEIVED
JAN 31 1980
DIVISION OF
OIL, GAS & MINING

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

SIGNED Richard A. Reed TITLE Senior Engineer DATE January 31, 1980

(This space for Federal or State office use)

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

*See Instructions on Reverse Side

May 6, 1980

Skyline Oil Co.
2000 University Club Bldg.
Salt Lake City, Utah 84111

Re: Well No. Skyline-Spjut 16-1
Sec. 16, T. 16S, R. 11E.
Emery County, Utah

Gentlemen:

This letter is to advise you that the Well Completion or Recompletion Report and Log for the above mentioned well is due and has not been filed with this office as required by our rules and regulations.

Please complete the enclosed Form OGC-3, in duplicate, and forward them to this office as soon as possible.

Thank you for your cooperation relative to the above.

Very truly yours,

DIVISION OF OIL, GAS, AND MINING

JANICE TABISH
CLERK-TYPIST

SKYLINE
Oil Company
A TEXAS EASTERN COMPANY

May 28, 1980

State of Utah
Department of Natural Resources
Division of Oil, Gas, and Mining
1588 West North Temple
Salt Lake City, Utah 84116

RECEIVED
MAY 29 1980
DIV. OIL, GAS, & MINING

Re Skyline-Spjut # 16-1
Sec 16, T16S, R11E
Emery County, Utah

Gentlemen:

In reply to your letter of May 6, 1980, a Sundry Notice was mailed to you January 13, 1980, concerning the status of subject well (copy enclosed). At that time, subject well had been temporarily abandoned pending further evaluation.

This evaluation is now complete and it is Skyline Oil Company's decision to abandon subject well. To this end, Skyline is in the process of securing partner approval to abandon subject well. Enclosed is a Sundry Notice setting forth the procedure for abandonment of subject well. As soon as all approvals are secured, Skyline will proceed with abandonment of subject well.

Very truly yours,

Richard N. Reed

Richard N. Reed
Senior Engineer

Enclosures

2000 UNIVERSITY CLUB BUILDING SALT LAKE CITY, UTAH 84111 (801) 521-3500

Form OGC-1b

SUBMIT IN TRIPLICATE*
(Other instructions on reverse side)

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

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.)

5. LEASE DESIGNATION AND SERIAL NO.: ML-29350

6. IF INDIAN, ALLOTTEE OR TRIBE NAME:

1. OIL WELL ☐ GAS WELL ☒ OTHER Dry Hole

7. UNIT AGREEMENT NAME:

2. NAME OF OPERATOR: SKYLINE OIL COMPANY

8. FARM OR LEASE NAME: SKYLINE-SPJUT

3. ADDRESS OF OPERATOR: 2000 University Club Building, Salt Lake City, Utah 84111

9. WELL NO.: 16-1

4. LOCATION OF WELL (Report location clearly and in accordance with any State requirements.* See also space 17 below.) At surface: 660' FNL & 1980' FWL Sec 16

10. FIELD AND POOL, OR WILDCAT: Wildcat

11. SEC., T., R., M., OR BLK. AND SURVEY OR AREA: Sec 16, T 16 S, R 11 ~~W~~ E

14. PERMIT NO.: 43-015-30067

15. ELEVATIONS (Show whether DF, RT, GR, etc.): 5442' GR

12. COUNTY OR PARISH: Emery

13. 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	☐	PULL OR ALTER CASING	☐	WATER SHUT-OFF	☐	REPAIRING WELL	☐
FRACTURE TREAT	☐	MULTIPLE COMPLETE	☐	FRACTURE TREATMENT	☐	ALTERING CASING	☐
SHOOT OR ACIDIZE	☐	ABANDON*	X	SHOOTING OR ACIDIZING	☐	ABANDONMENT*	☐
REPAIR WELL	☐	CHANGE PLANS	☐	(Other)			☐
(Other)			☐	(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.)*

Drill out Bridge Plug @ 6265'. Spot 45 Sx Cement Plug 8,030' to 8,130' across top of Humbug. Spot 45 Sx Cement Plug 6,953' to 7,053' across top of Manning Canyon. Spot 45 Sx Cement Plug 6,318' to 6,418' across 7-7/8" casing seat. Free Point and pull as much 7-7/8" casing as possible. Spot a 45 Sx cement plug across the 7-7/8" casing top. A 45 Sx cement plug will be spotted across the tops of all Formations between the 7-7/8" casing top and the base of the 10-3/4" casing @ 2,036'. 1-45 Sx plug will be spotted across the 10-3/4" casing seat. A 10 Sx plug will be spotted at the surface and marker erected. Drilling mud will be left between all cement plugs.

See reverse side for Formation Tops.

APPROVED BY THE DIVISION OF OIL, GAS, AND MINING
DATE: 6/10/80
BY: Glen B Feight

RECEIVED MAY 29 1980 MINING

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

SIGNED Richard A. Reed TITLE Senior Engineer DATE 5-28-80

(This space for Federal or State office use)

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

*See Instructions on Reverse Side

Carmel	2,380
Navajo	2,822
Kayenta	3,193
Wingate	3,302
Chinle	3,718
Mossback	4,030
Moenkopi	4,072
Sinbad	4,728
Kaibab	5,142
White Rim	5,366
Oquirrh	6,000
Manning Canyon	7,003
Humbug	8,080
Deseret	8,726

10-3/4" Casing	2,036
7-7/8" Casing	6,374

AUGUST 28, 1980

Skyline Oil Co.
2000 University Club Bldg.
Salt Lake City, Utah 84111

Re: Well No. Skyline Spjut 16-1
Sec. 16, T. 16S, R. 11E.
Emery County, Utah

Gentlemen:

This letter is to advise you that the Well Completion or Recompletion Report and Log for the above mentioned well is due and has not been filed with this office as required by our rules and regulations.

Please complete the enclosed Form OGC-3, and forward it to this offic as soon as possible.

Also to complete our files, please forward any electric logs that wer run on the above well.

Thank you for your cooperation relative to the above.

Very Truly yours,

DIVISION OF OIL, GAS, & MINING

Janice Tabish

JANICE TABISH
CLERK-TYPIST

Pr-A
10/80

011539F

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

WELL INSPECTION RECORD

NAME OF COMPANY: SKYLINE OIL CO. U- DRY HOLE.

WELL NAME: THIS WELL HAS BEEN PLUGGED AND ABANDONED. (SPJUT No. 16-1) 30067

SECTION: 16 TOWNSHIP: 16 S RANGE: 11 E COUNTY: EMERY

DATE: June 30 1983 LOCATION INSPECTED

TOTAL DEPTH: AT TIME OF VISIT

NAME OF DRILLING CONTRACTOR:

RIG NUMBER:

COMMENTS:

The well was plugged on Oct 17, 1980 as a dry hole. Marker properly describes the well and its location. 660 FNL 1980 FWL.

DATE: July 5, 1983 SIGNED: Jean Lester Doutre

SEND TYPED COPY TO COMPANY: YES ___ NO ___

Form OGC-1b

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

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. OIL WELL ☐ GAS WELL ☐ OTHER Dry Hole

2. NAME OF OPERATOR: Skyline Oil Company

3. ADDRESS OF OPERATOR: 2000 University Club Building, Salt Lake City, Utah 84111

4. LOCATION OF WELL (Report location clearly and in accordance with any State requirements.* See also space 17 below.) At surface: 660' FNL & 1980' FWL Sec. 16

5. LEASE DESIGNATION AND SERIAL NO.: ML-29350

6. IF INDIAN, ALLOTTEE OR TRIBE NAME:

7. UNIT AGREEMENT NAME:

8. FARM OR LEASE NAME: Skyline-Spjut

9. WELL NO.: 16-1

10. FIELD AND POOL, OR WILDCAT: Wildcat

11. SEC., T., R., M., OR BLK. AND SURVEY OR AREA: Sec. 16, T. 16 S., R. 11 E

14. PERMIT NO.: 43-015-30067

15. ELEVATIONS (Show whether DF, RT, GR, etc.): 5442' GR

12. COUNTY OR PARISH: Emery

13. 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	☐	FULL OR ALTER CASING	☐	WATER SHUT-OFF	☐	REPAIRING WELL	☐
FRACTURE TREAT	☐	MULTIPLE COMPLETE	☐	FRACTURE TREATMENT	☐	ALTERING CASING	☐
SHOOT OR ACIDIZE	☐	ABANDON*	☐	SHOOTING OR ACIDIZING	☐	ABANDONMENT*	X
REPAIR WELL	☐	CHANGE PLANS	☐	(Other)			☐
(Other)			☐	(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.)*

Drilled out bridge plug at 6265'. Ran tubing and bit to 8150' and conditioned mud. Spotted cement plugs, 45 sx Class "H" each, 8030' - 8130', 6930' - 7100' and 6352' - 6500' across 7-5/8" casing seat. Set bridge plug at 6352' with 20' of cement on top of bridge plug. Free pointed and cut 7-5/8" at 2527'. Pulled 7-5/8" casing. Spotted cement plugs, 45 sx Class "H" each, 2480' - 2570' across 7-5/8" casing stub, 2290' - 2380' and 1980' - 2070' across 10-3/4" casing seat. A 10 sx plug was spotted at the surface and dry hole marker was erected.

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

SIGNED Richard N. Reed TITLE Senior Engineer DATE 10-17-80

(This space for Federal or State office use)

APPROVED BY _____ TITLE _____ DATE _____

CONDITIONS OF APPROVAL, IF ANY:

*See Instructions on Reverse Side

Form OGCC-3

STATE OF UTAH

OIL & GAS CONSERVATION COMMISSION

SUBMIT IN DUPLICATE*
(See other instructions on reverse side)

WELL COMPLETION OR RECOMPLETION REPORT AND LOG*

1a. TYPE OF WELL: OIL WELL ☐ GAS WELL ☐ DRY ☒ Other

b. TYPE OF COMPLETION: NEW WELL ☐ WORK OVER ☐ DEEP-EN ☐ PLUG BACK ☐ DIFF. RESVR. ☐ Other

2. NAME OF OPERATOR: SKYLINE OIL COMPANY

3. ADDRESS OF OPERATOR: 2000 University Club Building, Salt Lake City, Utah 84111

4. LOCATION OF WELL (*Report location clearly and in accordance with any State requirements*)*
At surface: 660' FNL & 1980' FWL Sec. 16 NE NW
At top prod. interval reported below
At total depth

5. LEASE DESIGNATION AND SERIAL NO.: ML-29350

6. IF INDIAN, ALLOTTEE OR TRIBE NAME

7. UNIT AGREEMENT NAME

8. FARM OR LEASE NAME: Skyline-Spjut

9. WELL NO.: 16-1

10. FIELD AND POOL, OR WILDCAT: Wildcat

11. SEC., T., R., M., OR BLOCK AND SURVEY OR AREA: Sec. 16, T. 16 S., R. 11 ~~W~~ E

12. COUNTY OR PARISH: Emery

13. STATE: Utah

14. PERMIT NO.: 43-015-30067 DATE ISSUED: 9-13-79

15. DATE SPUDDED: 10-31-79

16. DATE T.D. REACHED: 1-23-79

17. DATE COMPL. (*Ready to prod.*): D & A

18. ELEVATIONS (DF, RKB, RT, GR, ETC.)*: 5442' GR

19. ELEV. CASINGHEAD:

20. TOTAL DEPTH, MD & TVD:

21. PLUG, BACK T.D., MD & TVD:

22. IF MULTIPLE COMPL., HOW MANY*:

23. INTERVALS DRILLED BY → ROTARY TOOLS: 0 - 9450 CABLE TOOLS:

24. PRODUCING INTERVAL(S), OF THIS COMPLETION—TOP, BOTTOM, NAME (MD AND TVD)*: None

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
10-3/4	40.5	2028	14-3/4		None
7-5/8	26.4	6367	9-7/8		2527'

29. LINER RECORD

SIZE	TOP (MD)	BOTTOM (MD)	SACKS CEMENT*	SCREEN (MD)
None				

30. TUBING RECORD

SIZE	DEPTH SET (MD)	PACKER SET (MD)
None		

31. PERFORATION RECORD (*Interval, size and number*)

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

DEPTH INTERVAL (MD)	AMOUNT AND KIND OF MATERIAL USED

33.* PRODUCTION

DATE FIRST PRODUCTION: Dry Hole

PRODUCTION METHOD (*Flowing, gas lift, pumping—size and type of pump*):

WELL STATUS (*Producing or shut-in*):

DATE OF TEST	HOURS TESTED	CHOKE SIZE	PROD'N. FOR TEST PERIOD →	OIL—BBL.	GAS—MCF.	WATER—BBL.	GAS-OIL RATIO

FLOW. TUBING PRESS.	CASING PRESSURE	CALCULATED 24-HOUR RATE →	OIL—BBL.	GAS—MCF.	WATER—BBL.	OIL GRAVITY-API (CORR.)

34. DISPOSITION OF GAS (*Sold, used for fuel, vented, etc.*)

TEST WITNESSED BY

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 Richard N. Reed TITLE DATE 10-17-80

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

INSTRUCTIONS

General: This form is designed for submitting a complete and correct well completion report and log on all types of lands and leases to either a Federal agency or a State agency, or both, pursuant to applicable Federal and/or State laws and regulations. Any necessary special instructions concerning the use of this form and the number of copies to be submitted, particularly with regard to local, area, or regional procedures and practices, either are shown below or will be issued by, or may be obtained from, the local Federal and/or State office. See instructions on items 22 and 24, and 33, below regarding separate reports for separate completions.
If not filed prior to the time this summary record is submitted, copies of all currently available logs (drillers, geologists, sample and core analysis, all types electric, etc.), formation and pressure tests, and directional surveys, should be attached hereto, to the extent required by applicable Federal and/or State laws and regulations. All attachments should be listed on this form, see item 35.
Item 4: If there are no applicable State requirements, locations on Federal or Indian land should be described in accordance with Federal requirements. Consult local State or Federal office for specific instructions.
Item 18: Indicate which elevation is used as reference (where not otherwise shown) for depth measurements given in other spaces on this form and in any attachments.
Items 22 and 24: If this well is completed for separate production from more than one interval zone (multiple completion), so state in item 22, and in item 24 show the producing interval, or intervals, top(s), bottom(s) and name(s) (if any) for only the interval reported in item 33. Submit a separate report (page) on this form, adequately identified, for each additional interval to be separately produced, showing the additional data pertinent to such interval.
Item 29: *"Sacks Cement":* Attached supplemental records for this well should show the details of any multiple stage cementing and the location of the cementing tool.
Item 33: Submit a separate completion report on this form for each interval to be separately produced. (See instruction for items 22 and 24 above.)

37. SUMMARY OF POROUS ZONES:
SHOW ALL IMPORTANT ZONES OF POROSITY AND CONTENTS THEREOF; CORED INTERVALS; AND ALL DRILL-STEM TESTS, INCLUDING DEPTH INTERVAL TESTED, CUSHION USED, TIME TOOL OPEN, FLOWING AND SHUT-IN PRESSURES, AND RECOVERIES

FORMATION	TOP	BOTTOM	DESCRIPTION, CONTENTS, ETC.
Manning Canyon	7003	8080	DST #1 7026' - 7055'
			DST #2 7455' - 7605'
			DST #3 Mis Run
			DST #4 Mis Run
			DST #5 7682' - 7922'
Deseret	8726	9390	DST #6 8765' - 8872'
			Copies of DST's #1, #2, #5 & #6 attached

38. GEOLOGIC MARKERS

NAME	TOP MEAS. DEPTH	TOP TRUE VERT. DEPTH
Carmel	2380	
Navajo	2822	
Kayenta	3193	
Wingate	3302	
Chinle	3718	
Mossback	4030	
Moenkopi	4072	
Sinbad	4728	
Kaibab	5142	
White Rim	5366	
Oquirrh	6000	
Manning Canyon	7003	
Humbug	8080	
Deseret	8726	

SKYLINE
Oil Company
A TEXAS EASTERN COMPANY

October 17, 1980

State of Utah
Department of Natural Resources
Division of Oil, Gas & Mining
1588 West North Temple
Salt Lake City, Utah 84116

Re Well No. Skyline-Spjut 16-1
Section 16, Township 16 South, Range 11 East,
Emery County, Utah

Gentlemen:

Enclosed are the logs, DST's, Completion Report, and Sundry Notice on the abandonment of this well.

Very truly yours,

Richard N. Reed

Richard N. Reed,
Senior Engineer

Enclosures

RECEIVED
OCT 20 1980
DIVISION OF
OIL, GAS & MINING

2000 UNIVERSITY CLUB BUILDING SALT LAKE CITY, UTAH 84111 (801) 521-3500

Form OGC-1b

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

SUBMIT IN TRIPLICATE (Other instructions on reverse side) 021702 PA

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 P&A

2. NAME OF OPERATOR: Texas Eastern Skyline Oil Company

3. ADDRESS OF OPERATOR: 1775 Sherman Street, Suite 1200, Denver, Colorado 80203

4. LOCATION OF WELL (Report location clearly and in accordance with any State requirements.* See also space 17 below.) At surface: 660' FNL & 1980' FWL (NE NW) Sec. 16, T16S, R11E

5. LEASE DESIGNATION AND SERIAL NO.: ML-29350

6. IF INDIAN, ALLOTTEE OR TRIBE NAME:

7. UNIT AGREEMENT NAME:

8. FARM OR LEASE NAME: Skyline - Spjut

9. WELL NO.: 16-1

10. FIELD AND POOL, OR WILDCAT: Wildcat

11. SEC., T., R., M., OR BLK. AND SURVEY OR AREA: Sec. 16, T16S, R11E, SLB&M

14. PERMIT NO.: API #43-015-30067

15. ELEVATIONS (Show whether DF, RT, GR, etc.): GL - 5442'

12. COUNTY OR PARISH: Emery

13. 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	☐	PULL OR ALTER CASING	☐	WATER SHUT-OFF	☐	REPAIRING WELL	☐
FRACTURE TREAT	☐	MULTIPLE COMPLETE	☐	FRACTURE TREATMENT	☐	ALTERING CASING	☐
SHOOT OR ACIDIZE	☐	ABANDON*	☐	SHOOTING OR ACIDIZING	☐	ABANDONMENT*	X
REPAIR WELL	☐	CHANGE PLANS	☐	(Other)			
(Other)							

(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.)*

The subject well has been rehabilitated and reseeded as required. Texas Eastern Skyline Oil Company respectfully requests that your office conduct an inspection of the subject well and approve the rehabilitation as complete.

RECEIVED
FEB 09 1987
DIVISION OF OIL, GAS & MINING

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

SIGNED Michael D. Cardwell TITLE Manager DATE 2-4-87

(This space for Federal or State office use)

APPROVED BY _____ TITLE _____ DATE _____

CONDITIONS OF APPROVAL, IF ANY:

*See Instructions on Reverse Side