FILE NOTATIONS

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

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

COMPLETION DATA:

Date Well Completed 3-16-74

Location Inspected .....

OW.....✓ WW..... TA.....
GW..... OS..... PA.....

Bond released
State or Fee Land .....

LOGS FILED

Driller's Log.....✓
Electric Logs (No.) .....✓

E..... I..... Dual I Lat..... GR-N..... Micro.....
BHC Sonic GR..... Lat..... M-L..... Sonic.....
CBLog..... CCLog..... Others.....

Oil + gas Comm PHB

Form 9-331 C
(May 1963)

SUBMIT IN TRIPLICATE*
(Other instructions on reverse side)

Form approved.
Budget Bureau No. 42-R1425.

B

UNITED STATES
DEPARTMENT OF THE INTERIOR
GEOLOGICAL SURVEY

# APPLICATION FOR PERMIT TO DRILL, DEEPEN, OR PLUG BACK

5. LEASE DESIGNATION AND SERIAL NO.: Tribal 14-20-H62-1810

6. IF INDIAN, ALLOTTEE OR TRIBE NAME:

7. UNIT AGREEMENT NAME:

8. FARM OR LEASE NAME: Ute

9. WELL NO.: 1-12B3

10. FIELD AND POOL, OR WILDCAT: Altamont East

11. SEC., T., R., M., OR BLK. AND SURVEY OR AREA: NE/4 SW/4 Section 12-T 2S-R 3W

1a. TYPE OF WORK: DRILL [X] DEEPEN [ ] PLUG BACK [ ]

b. TYPE OF WELL: OIL WELL [X] GAS WELL [ ] OTHER SINGLE ZONE [X] MULTIPLE ZONE [ ]

2. NAME OF OPERATOR: Shell Oil Company (Rocky Mountain Div. Production)
Amerada Hess and Flying Diamond

3. ADDRESS OF OPERATOR: 1700 Broadway, Denver, Colorado 80202

4. LOCATION OF WELL (Report location clearly and in accordance with any State requirements.*)
At surface: 2296' FSL and 3185' FEL Sec 12

At proposed prod. zone:

12. COUNTY OR PARISH: Duchesne

13. STATE: Utah

14. DISTANCE IN MILES AND DIRECTION FROM NEAREST TOWN OR POST OFFICE*: 3 miles SE of Bluebell

15. DISTANCE FROM PROPOSED* LOCATION TO NEAREST PROPERTY OR LEASE LINE, FT. (Also to nearest drlg. unit line, if any): 545' from property & lse line; 2095' from Sec line

16. NO. OF ACRES IN LEASE: 320

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.: No other wells on lease

19. PROPOSED DEPTH: 12,600'

20. ROTARY OR CABLE TOOLS: Rotary

21. ELEVATIONS (Show whether DF, RT, GR, etc.): 5928 GL (Ungraded)

22. APPROX. DATE WORK WILL START*: 2-20-73

23. PROPOSED CASING AND CEMENTING PROGRAM

| SIZE OF HOLE | SIZE OF CASING | WEIGHT PER FOOT | SETTING DEPTH | QUANTITY OF CEMENT |
|---|---|---|---|---|
| 17½" | 13 3/8" | 68# | 300' ± | 450 sx |
| 12¼" | 9 5/8" | 40# | 6200' ± | 700 sx |
| 8 3/4" | 7" | 26# | 11,100'± | 500 sx |
| 6 1/8" | 5" liner | 18# | 12,600'± | 450 sx |

As per attached certified survey plat and Summary of Mud Monitoring Equipment, BOP Equip, and Mud.

Designation of Operator from Amerada Hess is also attached.

✓2 cc: Oil and Gas Conservation Commission
Salt Lake City, Utah w/attachments

Verbal approvals obtained to drill from State - Schereé De Rose 2-7-73
USGS - Gerald Daniels 2-7-73

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: Original Signed By K. R. JORDAN TITLE: Division Operations Engr. DATE: Feb. 9, 1973

(This space for Federal or State office use)

PERMIT NO. 43-013-30205 APPROVAL DATE

APPROVED BY TITLE DATE

CONDITIONS OF APPROVAL, IF ANY:

*See Instructions On Reverse Side

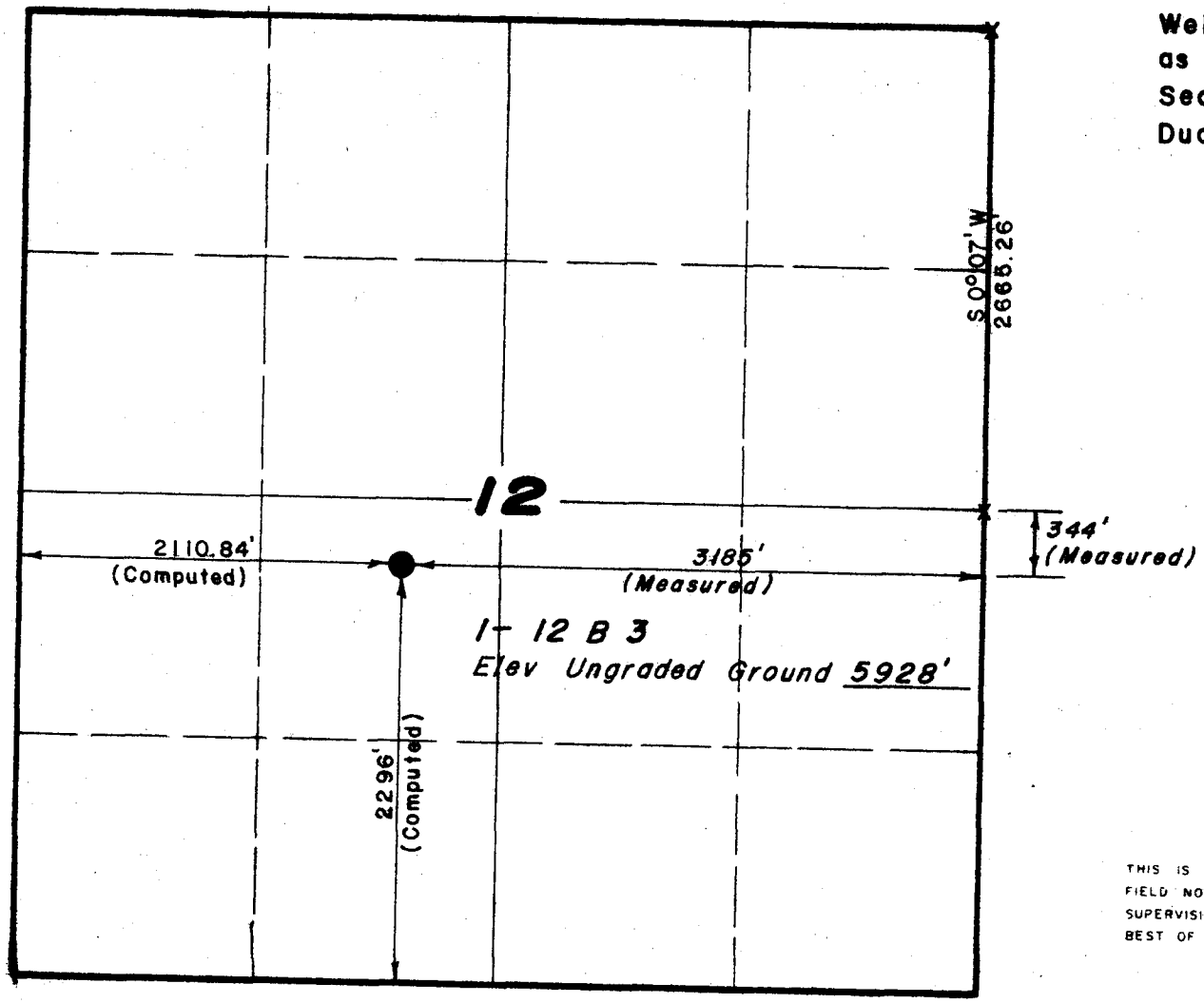
151-14

# T2S, R3W, U.S.B.&M.

PROJECT

## SHELL OIL COMPANY

Well location, *1-12 B 3*, located as shown in the NE 1/4 SW 1/4 Section 12, T2S, R3W, U.S.B.&M., Duchesne County, Utah.



X = Corners Found & Used.

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.

Steve Stewart

REGISTERED LAND SURVEYOR
REGISTRATION № 3154
STATE OF UTAH

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

| | |
|---|---|
| SCALE 1" = 1000' | DATE 24 January 1973 |
| PARTY G.S. & H.M. | REFERENCES G L O Plat |
| WEATHER Cold | FILE Shell Oil Company |

UT-1475 (GCP)

ARC-2216
Form 9-1123
(Rev. Dec. 1957)

quadruplicate
(Submit in ~~triplicate~~ to appropriate
Regional Oil and Gas or Mining Supervisor)

# DESIGNATION OF OPERATOR

The undersigned is, on the records of the Bureau of Land Management, holder of lease

DISTRICT LAND OFFICE: Uintah and Ouray Agency
SERIAL NO.: 14-20-H62-1810

and hereby designates

NAME: Shell Oil Company
ADDRESS: 1700 Broadway
Denver, Colorado 80202

as his operator and local agent, with full authority to act in his behalf in complying with the terms of the lease and regulations applicable thereto and on whom the supervisor or his representative may serve written or oral instructions in securing compliance with the Operating Regulations with respect to (describe acreage to which this designation is applicable):

Township 2 South, Range 3 West, Uintah Meridian, Utah
Section 12: W/2 W/2 and SE/4 NW/4 and E/2 SW/4 and SW/4 SE/4
(containing 320.00 acres, more or less)
Duchesne County, Utah

It is understood that this designation of operator does not relieve the lessee of responsibility for compliance with the terms of the lease and the Operating Regulations. It is also understood that this designation of operator does not constitute an assignment of any interest in the lease.

In case of default on the part of the designated operator, the lessee will make full and prompt compliance with all regulations, lease terms, or orders of the Secretary of the Interior or his representative.

The lessee agrees promptly to notify the supervisor of any change in the designated operator.

AMERADA HESS CORPORATION
(formerly Amerada Petroleum Corporation)

By: C. M. Murray
(Signature of lessee)
C. M. MURRAY, Attorney-In-Fact

January 5, 1973
(Date)

P. O. Box 2040, Tulsa, Oklahoma 74102
(Address)

APPROVED

Mud System Monitoring Equipment

Equipment will be installed (with derrick floor indicators) and used throughout the period of drilling after setting and cementing intermediate string or upon reaching a depth at which abnormal pressures could occur.

BOP Equipment

300-6,200' - Rotating head
6,200'-TD - 3-ram type BOP's and 1 bag type
5,000# working pressure

Tested when installed. Operative every trip and tested to 5,000 psi every 14 days. All information recorded on Tour sheets and daily drilling wire.

Mud

Surface - 9,500' - Clear water
Circulate reserve pit
Flocculate as necessary

9,500'-TD 12,600'- Weighted gel chemical

Mud System Monitoring Equipment

Equipment will be installed (with derrick floor indicators) and used throughout the period of drilling after setting and cementing intermediate string or upon reaching a depth at which abnormal pressures could occur.

BOP Equipment

300-6,200' - Rotating head
6,200'-TD - 3-ram type BOP's and 1 bag type
5,000# working pressure

Tested when installed. Operative every trip and tested to 5,000 psi every 14 days. All information recorded on Tour sheets and daily drilling wire.

Mud

Surface - 9,500' - Clear water
Circulate reserve pit
Flocculate as necessary

9,500'-TD 12,600'- Weighted gel chemical

UT-1474 (GCP)

ARC-2216
Form 9-1123
(Rev. Dec. 1967)

quadruplicate
(Submit in ~~triplicate~~ to appropriate
Regional Oil and Gas or Mining Supervisor)

# DESIGNATION OF OPERATOR

Ute 1-12B3

The undersigned is, on the records of the Bureau of Land Management, holder of lease

DISTRICT LAND OFFICE: Uintah and Ouray Agency
SERIAL NO.: Indian Lease No. 14-20-H62-1809

and hereby designates

NAME: Shell Oil Company
ADDRESS: 1700 Broadway
Denver, Colorado 80202

as his operator and local agent, with full authority to act in his behalf in complying with the terms of the lease and regulations applicable thereto and on whom the supervisor or his representative may serve written or oral instructions in securing compliance with the Operating Regulations with respect to (describe acreage to which this designation is applicable):

Township 2 South, Range 3 West, Uintah Meridian, Utah
Section 12: NE/4 NE/4
(containing 40.00 acres, more or less)
Duchesne County, Utah

It is understood that this designation of operator does not relieve the lessee of responsibility for compliance with the terms of the lease and the Operating Regulations. It is also understood that this designation of operator does not constitute an assignment of any interest in the lease.

In case of default on the part of the designated operator, the lessee will make full and prompt compliance with all regulations, lease terms, or orders of the Secretary of the Interior or his representative.

The lessee agrees promptly to notify the supervisor of any change in the designated operator.

AMERADA HESS CORPORATION
(formerly Amerada Petroleum Corporation)

By: C. M. Murray
(Signature of lessee)
C. M. MURRAY, Attorney-In-Fact

P. O. Box 2040, Tulsa, Oklahoma 74102
(Address)

January 5, 1973
(Date)

XXXXXXXXXXXXXXXXX
XXXXXX

JAMES P. COWLEY

February 14, 1973

Shell Oil Company
1700 Broadway
Denver, Colorado 80202

Re: Ute #1-12B3
Sec. 12, T. 2 S, R. 3 W,
Duchesne County, Utah

Gentlemen:

Insofar as this office is concerned, approval to drill the above referred to well is hereby granted in accordance with the Order issued in Cause No. 131-14, dated August 11, 1971.

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

PAUL W. BURCHELL - Chief Petroleum Engineer
HOME: 277-2890
OFFICE: 328-5771

Enclosed please find Form OGC-8-X, which is to be completed whether or not water sands (aquifers) are encountered during drilling. Your cooperation with regard to this request will be greatly appreciated.

The API number assigned to this well is 43-013-30205

Very truly yours,

DIVISION OF OIL & GAS CONSERVATION

CLEON B. FEIGHT
DIRECTOR

CBF:ck

cc: U.S. Geological Survey

O-432 (REV. 3-63) PRINTED IN U.S.A.

P I

INTEROFFICE MEMORANDUM

TO U. S. GEOLOGICAL SURVEY ) SALT LAKE
OIL AND GAS CONSERVATION COMMISSION ) CITY

DATE FEBRUARY 19 1973

FROM K. R. JORDAN - DIVISION OPERATIONS ENGR.
SHELL OIL CO. - ROCKY MTN DIV. PRODUCTION OFFICE

SUBJECT ADDITIONAL COPY OF DESIGNATION OF OPERATOR

COPIES TO

REPLYING TO YOUR LETTER (SER. NO 14-20-H62-1810)

TO ACCOMPANY APPLICATION TO DRILL UTE 1-12B3
NE/4 SW/4 SEC 12-T 2S-R 3W
ALTAMONT FIELD
DUCHESNE COUNTY, UTAH

Attached are three (3) copies of the above Designation of Operator for the U. S. Geological Survey and two (2) copies to the Oil and Gas Conservation Commission which were inadvertently omitted in the Application to Drill dated 2-9-73. Please add accordingly.

Thank you.

Original Signed By
K. R. JORDAN

K. R. JORDAN

mkg
Attachments

Form 9-330
(Rev. 5-63)

UNITED STATES
DEPARTMENT OF THE INTERIOR
GEOLOGICAL SURVEY

SUBMIT IN DUPLICATE
(See other instructions on reverse side)

Form approved.
Budget Bureau No. 42-R355.5.

# WELL COMPLETION OR RECOMPLETION REPORT AND LOG*

1a. TYPE OF WELL: OIL WELL [X] GAS WELL [ ] DRY [ ] Other

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

2. NAME OF OPERATOR: Shell Oil Company

3. ADDRESS OF OPERATOR: 1700 Broadway, Denver, Colorado 80202

4. LOCATION OF WELL (*Report location clearly and in accordance with any State requirements*)*
At surface 2296' FSL and 3185' FEL Section 12
At top prod. interval reported below
At total depth

5. LEASE DESIGNATION AND SERIAL NO.: Tribal 14-20-H62-1810
6. IF INDIAN, ALLOTTEE OR TRIBE NAME:
7. UNIT AGREEMENT NAME:
8. FARM OR LEASE NAME: Ute
9. WELL NO.: 1-12B3
10. FIELD AND POOL, OR WILDCAT: Altamont
11. SEC., T., R., M., OR BLOCK AND SURVEY OR AREA: NE/4 SW/4 Section 12-T2S-R3W

14. PERMIT NO.: API 43-013-30205 DATE ISSUED: 2/14/73
12. COUNTY OR PARISH: Duchesne
13. STATE: Utah

| 15. DATE SPUDDED | 16. DATE T.D. REACHED | 17. DATE COMPL. (*Ready to prod.*) | 18. ELEVATIONS (DF, RKB, RT, GR, ETC.)* | 19. ELEV. CASINGHEAD |
|---|---|---|---|---|
| 2/25/73 | 4/15/73 | 3/16/74 | 5953 KB, 5928 GL | 5928' |

| 20. TOTAL DEPTH, MD & TVD | 21. PLUG, BACK T.D., MD & TVD | 22. IF MULTIPLE COMPL., HOW MANY* | 23. INTERVALS DRILLED BY | ROTARY TOOLS | CABLE TOOLS |
|---|---|---|---|---|---|
| 13,008 | 12,985 | - | → | Total | - |

24. PRODUCING INTERVAL(S), OF THIS COMPLETION—TOP, BOTTOM, NAME (MD AND TVD)*
10,708-12,859 (gross interval)

25. WAS DIRECTIONAL SURVEY MADE: No

26. TYPE ELECTRIC AND OTHER LOGS RUN: CNL-FDC-GR, DIL, BHCS-GR

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 |
|---|---|---|---|---|---|
| 13-3/8" | 68# | 294' | 17-1/2" | 300 sx | 0 |
| 9-5/8" | 40# | 5,975' | 12-1/4" | 860 cu ft | 0 |
| 7" | 26# | 10,687' | 8-3/4" | 685 cu ft | 0 |

29. LINER RECORD

| SIZE | TOP (MD) | BOTTOM (MD) | SACKS CEMENT* | SCREEN (MD) |
|---|---|---|---|---|
| 5" | 10,465' | 13,006' | 328 cu ft | - |

30. TUBING RECORD

| SIZE | DEPTH SET (MD) | PACKER SET (MD) |
|---|---|---|
| 2-7/8" | 10,466' | 10,435' |

31. PERFORATION RECORD (*Interval, size and number*)
10,708-12,859 (39 holes)
10,933-12,859 (7 new holes plus 30 reperfs)
(See Attachment)

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

| DEPTH INTERVAL (MD) | AMOUNT AND KIND OF MATERIAL USED | |
|---|---|---|
| 10,708-12,859 | 30,030 gal 15% HCl | (5/6/73) |
| 10,708-12,859 | 20,000 gal 15% HCl | (5/17/74) |
| 10,708-12,859 | 9170 gal My-T-Frac | (5/24/74) |

33.* PRODUCTION

| DATE FIRST PRODUCTION | PRODUCTION METHOD (*Flowing, gas lift, pumping—size and type of pump*) | WELL STATUS (*Producing or shut-in*) |
|---|---|---|
| 3/16/74 | Flowing | Producing |

| DATE OF TEST | HOURS TESTED | CHOKE SIZE | PROD'N. FOR TEST PERIOD | OIL—BBL. | GAS—MCF. | WATER—BBL. | GAS-OIL RATIO |
|---|---|---|---|---|---|---|---|
| 6/16/74 | 24 | 24/64 | → | 136 | 168 | 49 | 1235 |

| FLOW. TUBING PRESS. | CASING PRESSURE | CALCULATED 24-HOUR RATE | OIL—BBL. | GAS—MCF. | WATER—BBL. | OIL GRAVITY-API (CORR.) |
|---|---|---|---|---|---|---|
| 100 | 0 | → | 136 | 168 | 49 | 44.2 |

34. DISPOSITION OF GAS (*Sold, used for fuel, vented, etc.*): Altamont Gas Plant
TEST WITNESSED BY:

35. LIST OF ATTACHMENTS: Well history report

36. I hereby certify that the foregoing and attached information is complete and correct as determined from all available records

SIGNED T. S. Mize TITLE Division Operations Engr. DATE 7/10/74

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

2 cc: Oil & Gas Conservation Commission
cc: Partners (Amerada Hess, Flying Diamond)

# 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. |
|---|---|---|---|
| | | | |

38. GEOLOGIC MARKERS

| NAME | TOP MEAS. DEPTH | TOP TRUE VERT. DEPTH |
|---|---|---|
| $TGR_3$ | 9,073 | |
| Wasatch | 10,865 | |

U.S. GOVERNMENT PRINTING OFFICE: 1963—O-683636
837-497

12. Unlatch from packer and circulate annulus with inhibited water heated to 100°F. Latch into packer.

13. Knock out model "B" pushout plug with sinker bar and follow plug to bottom.

14. Perforate one hole at each of the following depths from bottom up. Depth references are the GR/BHC (Sonic) log dated 4/12/73 and the OWP GR/CBL log dated 4/20/73.

| BHC | CBL | BHC | CBL | BHC | CBL | BHC | CBL | BHC | CBL |
|---|---|---|---|---|---|---|---|---|---|
| 12739 | 12739 | 12674 | 12673 | 12615 | 12613 | 12437 | 12433 | 12370 | 12364 |
| 12738 | 12738 | 12673 | 12672 | 12610 | 12608 | 12433 | 12429 | 12368 | 12362 |
| 12737 | 12737 | 12670 | 12669 | 12609 | 12607 | 12431 | 12426 | 12367 | 12361 |
| 12735 | 12735 | 12664 | 12663 | 12607 | 12605 | 12429 | 12424 | 12366 | 12360 |
| 12730 | 12730 | 12662 | 12661 | 12603 | 12601 | 12427 | 12422 | 12361 | 12355 |
| 12729 | 12729 | 12661 | 12660 | 12602 | 12600 | 12424 | 12418 | 12356 | 12350 |
| 12724 | 12724 | 12660 | 12659 | 12600 | 12598 | 12422 | 12416 | 12354 | 12348 |
| 12723 | 12723 | 12654 | 12653 | 12597 | 12595 | 12420 | 12414 | 12352 | 12346 |
| 12719 | 12719 | 12653 | 12652 | 12596 | 12594 | 12415 | 12409 | 12350 | 12344 |
| 12718 | 12718 | 12649 | 12648 | 12595 | 12593 | 12414 | 12408 | 12348 | 12342 |
| 12717 | 12717 | 12648 | 12647 | 12591 | 12589 | 12411 | 12405 | 12345 | 12339 |
| 12714 | 12714 | 12647 | 12646 | 12590 | 12588 | 12408 | 12402 | 12349 | 12338 |
| 12710 | 12710 | 12646 | 12645 | 12588 | 12586 | 12405 | 12399 | 12343 | 12337 |
| 12709 | 12709 | 12643 | 12642 | 12587 | 12585 | 12403 | 12397 | 12336 | 12330 |
| 12708 | 12708 | 12642 | 12641 | 12583 | 12581 | 12401 | 12395 | 12333 | 12327 |
| 12701 | 12701 | 12641 | 12640 | 12579 | 12577 | 12399 | 12393 | 12332 | 12326 |
| 12699 | 12699 | 12638 | 12637 | 12577 | 12575 | 12393 | 12387 | 12329 | 12323 |
| 12697 | 12697 | 12633 | 12632 | 12576 | 12574 | 12392 | 12386 | 12328 | 12322 |
| 12696 | 12696 | 12632 | 12631 | 12575 | 12573 | 12390 | 12384 | 12326 | 12320 |
| 12693 | 12693 | 12631 | 12630 | 12574 | 12572 | 12388 | 12382 | 12325 | 12319 |
| 12690 | 12690 | 12625 | 12624 | 12568 | 12566 | 12387 | 12381 | 12321 | 12315 |
| 12686 | 12686 | 12624 | 12622 | 12567 | 12565 | 12384 | 12378 | 12315 | 12309 |
| 12681 | 12681 | 12623 | 12621 | 12450 | 12446 | 12383 | 12377 | 12313 | 12307 |
| 12680 | 12680 | 12622 | 12620 | 12449 | 12445 | 12381 | 12375 | 12311 | 12305 |
| 12679 | 12679 | 12621 | 12619 | 12442 | 12438 | 12376 | 12370 | | |
| 12675 | 12674 | 12616 | 12614 | 12438 | 12434 | 12373 | 12367 | | |

Total (this job): 128 holes
Grand Total (old and new holes): 148 holes

Note: a. Perforate undirectionally with 2" steel, hollow-carrier, through-tubing gun decentralized with magnets at top, middle and bottom of gun assembly. Use Harrison "RT" or Schlumberger Hyperjet 6.2 gm charges.

b. Do not bleed off wellhead pressure until all perforating has been completed. Bleeding off wellhead pressure could result in the flow of formation fluids which in turn would result in the displacement of spot acid.

Shell-Amerada Hess-
Flying Diamond-
Ute 1-12B3
(D)
13,008' Wasatch Test
KB 5953', GL 5928'
5" liner @ 13,006'

TD 13,008. PB 12,985. Flowing. On 24-hr test, flwd 127 BO, 30 BW and 210 MCF gas on 24-38/64" chk w/100 psi FTP and zero CP.

JUN 12 1974

Shell-Amerada Hess-
Flying Diamond-
Ute 1-12B3
(D)
13,008' Wasatch Test
KB 5953', GL 5928'
5" liner @ 13,006'

TD 13,008. PB 12,985. Flowing. On 12-hr test, flwd 72 BO, 20 BW and 96 MCF gas on 24-38/64" chk w/100 psi FTP and zero CP.

JUN 13 1974

Shell-Amerada Hess-
Flying Diamond-
Ute 1-12B3
(D)
13,008' Wasatch Test
KB 5953', GL 5928'
5" liner @ 13,006'

TD 13,008. PB 12,985. Flowing. On 24-hr test, flwd 149 BO, 35 BW and 179 MCF gas on 24-38/64" chk w/900 psi FTP and zero CP.

JUN 14 1974

Shell-Amerada Hess-
Flying Diamond-
Ute 1-12B3
(D)
13,008' Wasatch Test
KB 5953', GL 5928'
5" liner @ 13,006'

TD 13,008. PB 12,985. OIL WELL COMPLETE. On 24-hr tests, well flwd as follows:

| Rpt Date | BO | BW | MCF Gas | Chk/64 | FTP | CP |
|---|---|---|---|---|---|---|
| 6/15 | 130 | 47 | 168 | 24-38 | 100 | 0 |
| 6/16 | 114 | 45 | 168 | 24-38 | 100 | 0 |

Potentialed well w/24-hr test of 6/16/74, flwg 136 BO, 49 BW and 168 MCF gas on 24/64" chk w/100 psi FTP and zero CP from Wasatch perfs 10,708, 10,878, 10,911, 10,933, 10,937, 11,081, 11,336, 11,372, 11,373, 11,381, 11,385, 11,433, 11,606, 11,629, 11,637, 11,653, 11,675, 11,679, 11,688, 11,729, 11,777, 11,822, 11,836, 11,991, 12,088, 12,142, 12,147, 12,149, 12,151, 12,180, 12,184, 12,244, 12,245, 12,313, 12,390, 12,391, 12,402, 12,403, 12,467, 12,542, 12,771, 12,802, 12,807, 12,808 12,855, 12,859.

Oil Gravity: 44.2 deg at 60 deg.

Compl Test Date: 6/16/74. Initial Prod Date: 3/16/74.

Log Tops: TGR3 9,073 (-3120)
WASATCH 10,865 (-4912)

This well was drilled for routine development.
FINAL REPORT.

JUN 17 1974

SHELL OIL CO.
RM 62 (Rev. 8-72)

# CASING AND CEMENTING

Field Altamont Well Ute 1-12B3

Job: 13-3/8 " O.D. Casing~~Liner~~. Ran to 294 feet (KB) on 2/26, 197 3

| Jts. | Wt. | Grade | Thread | New | Feet | From | To | |
|---|---|---|---|---|---|---|---|---|
| | | | | | | KB | CHF | 25.05 |
| 7 | 68# | K-55 | ST&C | x | 294 | 0 | 294 | |

Casing Hardware:

Float shoe and collar type Howco Insert Collar and Howco Guide Shoe

Centralizer type and product number

Centralizers installed on the following joints

Other equipment (liner hanger, D.V. collar, etc.)

Cement Volume:

Caliper type _____ . Caliper volume _____ $ft^3$ + excess over caliper _____ $ft^3$ + float collar to shoe volume _____ $ft^3$ + liner lap _____ $ft^3$ + cement above liner _____ $ft^3$ = _____ $ft^3$ (Total Volume).

Cement:

Preflush–Water 10 bbls, other _____ Volume _____ bbls

First stage, type and additives 300 sx Class "G" w/3% $CaCl_2$ . Weight 15.6 lbs/gal, yield _____ $ft^3$/sk, volume _____ sx. Pumpability _____ hours at _____ °F.

Second stage, type and additives _____ . Weight _____ lbs/gal, yield _____ $ft^3$/sk, volume _____ sx. Pumpability _____ hours at _____ °F.

Cementing Procedure:

Rotate/reciprocate Reciprocate

Displacement rate

Percent returns during job

Bumped plug at 5 ~~AM~~/PM with 1000 psi. Bled back 1/2 bbls. Hung csg with _____ lbs on slips.

Remarks:

Drilling Foreman K. C. Crawford

Date 2/26/73

SHELL OIL CO.
RM-62 (Rev. 8-72)

# CASING AND CEMENTING

Field Altamont Well Ute 1-12B3

Job: 9-5/8 " O.D. Casing~~XXXX~~. Ran to 5975 feet (KB) on 3/9, 197 3

| Jts. | Wt. | Grade | Thread | New | Feet | From | To |
|---|---|---|---|---|---|---|---|
| | | | | | | KB | CHF 25.05 |
| | | | | | | CHF | |
| 143 | 40# | K-55 | ST&C | x | 5975 | 0 | 5975 |

Casing Hardware:

Float shoe and collar type Howco float and shoe

Centralizer type and product number 3

Centralizers installed on the following joints 5969, 5889, 5809

Other equipment (liner hanger, D.V. collar, etc.) Howco cmt basket at 248'

Cement Volume:

Caliper type _____. Caliper volume _____ $ft^3$ + excess over caliper _____ $ft^3$ + float collar to shoe volume _____ $ft^3$ + liner lap _____ $ft^3$ + cement above liner _____ $ft^3$ = _____ $ft^3$ (Total Volume).

Cement:

Preflush–Water 20 bbls, other _____ Volume _____ bbls

First stage, type and additives 625 cu ft B-J Lite _____. Weight 16.2 lbs/gal, yield _____ $ft^3$/sk, volume _____ sx. Pumpability _____ hours at _____ °F.

Second stage, type and additives 235 cu ft Class "G" _____. Weight 12.5 lbs/gal, yield _____ $ft^3$/sk, volume _____ sx. Pumpability _____ hours at _____ °F.

Cementing Procedure:

Rotate/reciprocate _____

Displacement rate _____

Percent returns during job _____

Bumped plug at 11:45 ~~AM~~/PM with 1500 psi. Bled back 1/2 bbls. Hung csg with _____ lbs on slips.

Remarks:

Drilling Foreman K. C. Crawford

Date 3/9/73

SHELL OIL CO.
RM-62 (Rev. 8-72)

# CASING AND CEMENTING

Field Altamont Well Ute 1-12B3

Job: 7 " O.D. Casing/~~Liner~~. Ran to 10,687 feet (KB) on 3/24, 1973

| Jts. | Wt. | Grade | Thread | New | Feet | From | To |
|---|---|---|---|---|---|---|---|
| | | | | | | KB | CHF 25.05 |
| | | | | | | CHF | |
| 36 | 29# | S-95 | LT&C | x | 1,509 | 10,687 | 9,097 |
| 216 | 26# | RS-95 | LT&C | x | 9,097 | 9,097 | 0 (KB) |

Casing Hardware:

Float shoe and collar type Howco Differential Collar and Shoe

Centralizer type and product number 3

Centralizers installed on the following joints 10,682, 10,600, 10,520

Other equipment (liner hanger, D.V. collar, etc.)

Cement Volume:

Caliper type _____. Caliper volume _____ $ft^3$ + excess over caliper _____ $ft^3$ + float collar to shoe volume _____ $ft^3$ + liner lap _____ $ft^3$ + cement above liner _____ $ft^3$ = _____ $ft^3$ (Total Volume).

Cement:

Preflush–Water 10 bbls, other _____ Volume _____ bbls

First stage, type and additives 688 cu ft B-J LIte and "G"

_____. Weight 12.2/15 lbs/gal, yield _____ $ft^3$/sk, volume _____ sx. Pumpability _____ hours at _____ °F.

Second stage, type and additives _____

_____. Weight _____ lbs/gal, yield _____ $ft^3$/sk, volume _____ sx. Pumpability _____ hours at _____ °F.

Cementing Procedure:

Rotate/reciprocate

Displacement rate

Percent returns during job

Bumped plug at 7 AM/~~PM~~ with 1500 psi. Bled back 1-1/2 bbls. Hung csg with _____ lbs on slips.

Remarks:

Well tried to flow after cement job.

Drilling Foreman K. C. Crawford

Date 3/24/73

SHELL OIL CO.
RM-62 (Rev. 8-72)

# CASING AND CEMENTING

Field Altamont Well Ute 1-12B3

Job: 5 " O.D. ~~Casing~~/Liner. Ran to 10,006 feet (KB) on 4/15, 1973

| Jts. | Wt. | Grade | Thread | New | Feet | From | To |
|---|---|---|---|---|---|---|---|
| | | | | | | KB | CHF |
| | | | | | | CHF | |
| 17 | | S00-95 | Top of liner @ 10,465 and shoe at 13,006 | | | | |
| 42 | | N-80 | | | | | |

Casing Hardware:

Float shoe and collar type

Centralizer type and product number

Centralizers installed on the following joints

Other equipment (liner hanger, D.V. collar, etc.)

Cement Volume:

Caliper type . Caliper volume $ft^3$ + excess over caliper $ft^3$ + float collar to shoe volume $ft^3$ + liner lap $ft^3$ + cement above liner $ft^3$ = $ft^3$ (Total Volume).

Cement:

Preflush—Water bbls, other Volume bbls

First stage, type and additives 328 cu ft Class "G" w/1.5% D-31, 18.1% W-1 and 0.4% R-5 . Weight lbs/gal, yield $ft^3$/sk, volume sx. Pumpability hours at °F.

Second stage, type and additives . Weight lbs/gal, yield $ft^3$/sk, volume sx. Pumpability hours at °F.

Cementing Procedure:

Rotate/reciprocate

Displacement rate

Percent returns during job

Bumped plug at 1:20 AM/~~PM~~ with 3000 psi. Bled back bbls. Hung csg with lbs on slips.

Remarks:

Drilling Foreman K. C. Crawford

Date 4/15/73

NEW OIL WELL
SHELL OIL COMPANY

2/26/73 - 6/17/74

| | | | |
|---|---|---|---|
| LEASE | UTE | WELL NO. | ALTAMONT 1-12B3 |
| DIVISION | WESTERN | ELEV | 5953 KB, 5928 GL |
| COUNTY | DUCHESNE | STATE | UTAH |
| LOCATION | NE/4 SW/4 SECTION 12-T2S-R3W | | |

UTAH

ALTAMONT

Shell-Amerada Hess-
Flying Diamond-
Ute 1-12B3
(D) Brinkerhoff #54
12,600' Wasatch Test

"FR" 200/57/1/200. Drilling.
Located 2296' FSL and 3185' FEL (NE/4 SW/4) Section 12-T2S-R3W, Duchesne County, Utah.
Elev: 5928 GL (ungraded)
Shell Working Interest: 71.03% (.25% unleased)
This is a routine Wasatch development test. FEB 26 1973
Spudded well @ 6 AM, 2/25/73.
Mud: 8.9 x 50

Shell-Amerada Hess-
Flying Diamond-
Ute 1-12B3
(D) Brinkerhoff #54
13,000' Wasatch Test
13-3/8" csg @ 294'

300/60/2/100. Nippling up. Ran 7 jts (294') 13-3/8" 68#, K-55, ST&C csg w/Howco guide shoe @ 294' and Howco insert fillup collar @ 254'. B-J cmtd w/300 sx Class "G" cmt w/3% $CaCl_2$. Bumped top plug to 254' w/1000 psi, float held. CIP @ 5 PM, 2/26/73. FEB 27 1973
Note: Total depth and drilling days changed from 12,600 to 13,000' and 57 to 60 days, respectively.

Shell-Amerada Hess-
Flying Diamond-
Ute 1-12B3
(D) Brinkerhoff #54
13,000' Wasatch Test
13-3/8" csg @ 294'

1310/60/3/1010. Drilling. Dev: 0° @ 899. Nippled up and went in hole. Top of cmt @ 253'. Tested csg to 1500 psi for 15 min. Tripped for new bit @ 899'.
Mud: 8.3 x 27 (wtr) FEB 28 1973

Shell-Amerada Hess-
Flying Diamond-
Ute 1-12B3
(D) Brinkerhoff #54
13,000' Wasatch Test
13-3/8" csg @ 294'

2238/60/4/928. Leveling derrick. Dev: 1/4° @ 1424 and 3/4° @ 2238. Installed 3" 5000# valve on spacer spool. Changed bits @ 1454 and 2238. MAR 1 1973
Mud: 8.3 x 27

Shell-Amerada Hess-
Flying Diamond-
Ute 1-12B3
(D) Brinkerhoff #54
13,000' Wasatch Test
13-3/8" csg @ 294'

3150/60/5/912. Drilling. Dev: 1/4° @ 2815. Finished leveling derrick. Went in hole and drld to 2815 and changed bit. MAR 2 1973
Mud: Wtr

Shell-Amerada Hess-
Flying Diamond-
Ute 1-12B3
(D) Brinkerhoff #54
13,000' Wasatch Test
13-3/8" csg @ 294'

3/3: 3669/60/6/519. Tripping for bit. Dev: 1/2° @ 3319. Tripped for bit @ 3349.
3/4: 4070/60/7/401 Drilling. Tripped in w/new bit. CO 30' of fill.
3/5: 4510/60/8/440. Drilling. MAR 5 1973
Mud: Wtr

Shell-Amerada Hess-
Flying Diamond-
Ute 1-12B3
(D) Brinkerhoff #54
13,000' Wasatch Test
13-3/8" csg @ 294'

4945/60/9/435. Drilling. MAR 6 1973
Mud: Wtr

Shell-Amerada Hess-
Flying Diamond-
Ute 1-12B3
(D) Brinkerhoff #54
13,000' Wasatch Test
13-3/8" csg @ 294'

5475/60/10/530. Drilling. MAR 7 1973
Mud: Wtr

Shell-Amerada Hess-
Flying Diamond-
Ute 1-12B3
(D) Brinkerhoff #54
13,000' Wasatch Test
13-3/8" csg @ 294'

5920/60/11/445. Drilling. Dev: 1/2° @ 5550. Tripped for new bit @ 5558. MAR 8 1973
Mud: Wtr

Shell-Amerada Hess-
Flying Diamond-
Ute 1-12B3
(D) Brinkerhoff #54
13,000' Wasatch Test
9-5/8" csg @ 5975'

6000/60/12/80. Nipping up 9-5/8" csg. Swept 120 bbls mud around and sptd 250 bbls mud on btm. Laid down six 8" DC's. RU and ran 143 jts (5985') 9-5/8" K-55, ST&C csg w/Howco plain guide shoe @ 5975 and Howco diff fill FC @ 5851. Washed last 10 jts to btm due to bridges. With 20 BW ahead, B-J cmtd w/625 cu ft B-J Lite w/1% R-5 followed by 235 cu ft Class "G" w/2% R-5. Bumped plug to 5851 w/448 BW, float held. CIP @ 11:45 PM, 3/8. Had full returns. MAR 9 1973

Shell-Amerada Hess-
Flying Diamond-
Ute 1-12B3
(D) Brinkerhoff #54
13,000' Wasatch Test
9 5/8" csg at 5975'

3/10: 6022/60/13/22 Drilling. Drilled cmt, float and shoe. Press tested csg to 2,000 psi, ok. Picked up 6 DC's and BHA. Tested BOP's, mud lines, etc. to 5,000 psi, ok.
Mud: Wtr
MAR 12 1973
3/11: 6600/60/14/578 Drilling.
Mud: Wtr
3/12: 7135/60/15/535 Pulling bit.
Mud: Wtr

Shell-Amerada Hess-
Flying Diamond-
Ute 1-12B3
(D) Brinkerhoff #54
13,000' Wasatch Test
9-5/8" csg @ 5975'

7548/60/16/413. Drilling. MAR 13 1973
Mud: Wtr

Shell-Amerada Hess-
Flying Diamond-
Ute 1-12B3
(D) Brinkerhoff #54
13,000' Wasatch Test
9-5/8" csg @ 5975'

8078/60/17/530. Drilling. MAR 14 1973
Mud: Wtr

Shell-Amerada Hess-
Flying Diamond-
Ute 1-12B3
(D) Brinkerhoff #54
13,000' Wasatch Test
9-5/8" csg @ 5975'

8550/60/18/472. Drilling. Dev: 2-3/4° @ 8200. Changed bit @ 8213.
Mud: Wtr MAR 15 1973

Shell-Amerada Hess-
Flying Diamond-
Ute 1-12B3
(D) Brinkerhoff #54
13,000' Wasatch Test
9-5/8" csg @ 5975'

9350/60/19/800. Drilling. MAR 16 1973
Mud: Wtr

Shell-Amerada Hess-
Flying Diamond-
Ute 1-12B3
(D) Brinkerhoff #54
13,000' Wasatch Test
9-5/8" csg @ 5975'

3/17: 9840/60/20/490. Drilling. Dev: 3° @ 9645.
Tripped for new bit @ 9469.
Mud: Wtr
3/18: 10,128/60/21/288. Drilling. Mudded up @ 9950.
Background gas: 350 units. Connection gas: 500 units.
Mud: (gradient .570) 11.0 x 38 x 12 (2% oil)
3/19: 10,174/60/22/46. Drilling. Down 20 hrs for
elec system repairs. Background gas: 300 units MAR 19 1973
Connection gas: 500 units.
Mud: (gradient .575) 11.1 x 38 x 7 (3% oil)

Shell-Amerada Hess-
Flying Diamond-
Ute 1-12B3
(D) Brinkerhoff #54
13,000' Wasatch Test
9-5/8" csg @ 5975'

10,339/60/23/165. Tripping for new bit. Dev: 2¼° @
10,339. Background gas: 150 units. Connection gas:
210 units.
Mud: (gradient .590) 11.4 x 40 x 6.4 (3% oil) MAR 20 1973

Shell-Amerada Hess-
Flying Diamond-
Ute 1-12B3
(D) Brinkerhoff #54
13,000' Wasatch Test
9-5/8" csg @ 5975'

10,589/60/24/250. Drilling. Lost 15 bbls mud @ 10,420.
Background gas: 200 units. Connection gas: 250 units.
Mud: (gradient .595) 11.5 x 46 x 6.2 (3% oil) MAR 21 1973

Shell-Amerada Hess-
Flying Diamond-
Ute 1-12B3
(D) Brinkerhoff #54
13,000' Wasatch Test
9-5/8" csg @ 5975'

10,687/60/25/98. WL logging. Circ btms up. Made 10-std
short trip and circ. Mud cutting from 11.9 to 11.2 ppg
w/450 units gas after short trip. RU Schl. Background
gas: 200 units. Connection gas: 350 units. Dev: 2° @
10,687.
Mud: (gradient .620) 11.9 x 45 x 6.0 (3% oil) MAR 22 1973

Shell-Amerada Hess-
Flying Diamond-
Ute 1-12B3
(D) Brinkerhoff #54
13,000' Wasatch Test
9-5/8" csg @ 5975'

10,687/60/26/0. Pulling out to log. Ran DIL from TD
to 5883 (WL TD 10,695, driller's TD 10,687). Ran CNL-FDC.
Did not log interval 10,500-9800 due to tight hole. Circ
and cond mud w/mud cutting from 11.9 to 8 and 9.5 ppg
for 90 min w/max of 500 units gas. Background gas: 250-400
units. Trip gas: 500 units. MAR 23 1973
Mud: (gradient .620) 11.9 x 45 x 5.4 (11% oil)

Shell-Amerada Hess-
Flying Diamond-
Ute 1-12B3
(D) Brinkerhoff #54
13,000' Wasatch Test
7" csg @ 10,687'

3/24: 10,687/60/27/0. Circ and cond mud. Ran Sonic and CNL. Circ and cond mud to rng csg. Mud cutting to 9.8 ppg for 1½ hrs w/490 units gas. Background gas: 225 units.
Mud: 12.1 x 45 x 6.8 (10% oil)
3/25: 10,687/60/28/0. Cementing 7" csg. Changed rams and RU to run csg. Ran 36 jts (1590') 7" 29#, S-95 and 216 jts (9107') 7" 26#, RS-95 csg w/Howco diff FC @ 10,560 and shoe @ 10,687. Circ btms up and leveled out mud wt. Lost 225 bbls mud. Max gas: 550 units. B-J pmpd 10 BW ahead followed by 463 cu ft B-J Lite cmt and 225 cu ft Class "G" cmt. Bumped top plug to 10,560' w/405 bbls mud @ 1500 psi. Float held. CIP @ 7 AM, 3/25. Good returns throughout job.
Mud: (gradient .620) 11.9+ x 42 x 6.6 (10% oil)
3/26: 10,687/60/29/0. Picking up 4-3/4" DC's. Checked for flow - flowed 8 bbls in 2 hrs and stopped. Attempted to push back w/500 psi pump press against annulus. Nippled up and tested BOP's and lines. MAR 2 6 1973
Mud: (gradient .620) 11.9

Shell-Amerada Hess-
Flying Diamond-
Ute 1-12B3
(D) Brinkerhoff #54
13,000' Wasatch Test
7" csg @ 10,687'

10,695/60/30/8. Drilling. Tested csg to 3500 psi for 15 min.
Mud: (gradient .620) 14.6 x 48 x 8 (7% oil) MAR 2 7 1973

Shell-Amerada Hess-
Flying Diamond-
Ute 1-12B3
(D) Brinkerhoff #54
13,000' Wasatch Test
7" csg @ 10,687'

10,865/60/31/170. Drilling. Background gas: 15-20 units. Connection gas: 30-40 units. MAR 2 8 1973
Mud: (gradient .810) 15.6 x 48 x 6 (4% oil)

Shell-Amerada Hess-
Flying Diamond-
Ute 1-12B3
(D) Brinkerhoff #54
13,000' Wasatch Test
7" csg @ 10,687'

11,037/60/32/172. Drilling. Lost approx 100 bbls mud past 24 hrs.
Mud: 15.6 x 50 x 6 (2% oil) MAR 2 9 1973

Shell-Amerada Hess-
Flying Diamond-
Ute 1-12B3
(D) Brinkerhoff #54
13,000' Wasatch Test
7" csg @ 10,687'

11,200/60/33/163. Drilling. Lost 40 bbls mud past 24 hrs. Background gas: 40-60 units. Connection gas: 200 units. Fm gas @ 11,131: 250 units w/mud cutting from 15.7 to 14.9 ppg for 15 min.
Mud: 15.7 x 50 x 4.8 (2% oil) MAR 3 0 1973

Shell-Amerada Hess-
Flying Diamond-
Ute 1-12B3
(D) Brinkerhoff #54
13,000' Wasatch Test
7" csg @ 10,687'

3/31: 11,280/60/34/80. Drilling. Tripped for new bit @ 11,262. Background gas: 40 units. Trip gas: 325 units. Connection gas: 60 units.
Mud: (gradient .821) 15.8 x 52 x 5.0 (2% oil)
4/1: 11,470/60/35/190. Drilling. Background gas: 25 units. Connection gas: 200 units.
Mud: (gradient .821) 15.8 x 55 x 4.8 (1% oil)
4/2: 11,666/60/36/196. Drilling. Background gas incr to 50 units prior to raising mud wt to 15.9 ppg @ 11,628. Present background gas: 35 units. Connection gas as follows:

| Interval | Units Gas |
|---|---|
| 11,598 | 450 w/mud cutting to 14.8 ppg |
| 11,628 | 150 w/mud cutting to 15.7 ppg |
| 11,659 | 60 w/no cutting of mud |

APR 2 1973
Mud: (gradient .826) 15.9 x 55 x 4.7 (1% oil)

Shell-Amerada Hess-
Flying Diamond-
Ute 1-12B3
(D) Brinkerhoff #54
13,000' Wasatch Test
7" csg @ 10,687'

11,750/60/37/84. Short tripping. Cond mud for coring. Short tripped 12 stds. Max of 610 units gas in btms up w/mud cutting from 15.9 to 12.8 ppg for 25 min. Raised mud wt to 16 ppg. Short tripped 12 stds. Mud cutting from 16 to 14.4 ppg w/max of 475 units gas. Raised mud wt to 16.1 ppg.
Mud: (gradient .836) 16.1 x 48 x 5.2 APR 3 1973

Shell-Amerada Hess-
Flying Diamond-
Ute 1-12B3
(D) Brinkerhoff #54
13,000' Wasatch Test
7" csg @ 10,687'

11,750/60/38/0. Laying down core bbl. Circ out 550 units gas in btms up w/core bbl w/mud cutting from 16.1+ to 12.9 ppg w/30 units background gas. With bit on btm, prep to core, had no press buildup. Pulled and found pump-out type circ sub open.
Mud: (gradient .842) 16.2 x 49 x 4.5 APR 4 1973

Shell-Amerada Hess-
Flying Diamond-
Ute 1-12B3
(D) Brinkerhoff #54
13,000' Wasatch Test
7" csg @ 10,687'

11,822/60/39/72. Drilling. Laid down core bbl, magnafluxed BHA and laid down 12 DC's and swelled Dailey jars. Picked up and ran 15- 4-3/4" x 30' DC's. Btms up gas after trip: 420 units w/mud cutting from 16.1+ to 14.8 ppg for 40 min. Background gas: 25 units. Connection gas: 100 units.
Mud: (.842) 16.2 x 50 x 4.2 APR 5 1973

Shell-Amerada Hess-
Flying Diamond-
Ute 1-12B3
(D) Brinkerhoff #54
13,000' Wasatch Test
7" csg @ 10,687'

12,042/60/40/220. Drilling. APR 6 1973
Mud: (.842) 16.2 x 49 x 4

Shell-Amerada Hess-
Flying Diamond-
Ute 1-12B3
(D) Brinkerhoff #54
13,000' Wasatch Test
7" csg @ 10,687'

4/7: 12,278/60/41/236. Drilling. Background gas: 20 units. Connection gas: 50 units.
Mud: (.842) 16.2 x 52 x 4.9
4/8: 12,416/60/42/138. Drilling. Changed bit @ 12,288. Background gas: 15 units. Connection gas: 25 units. Trip gas: 190 units.
Mud: (.842) 16.2 x 52 x 4.4
4/9: 12,616/60/43/200. Drilling. Tripped to shoe and installed new rotary hose. Background gas: 5 units. Connection gas: 10 units.
Mud: (.842) 16.2 x 53 x 4.8 APR 9 1973

Shell-Amerada Hess-
Flying Diamond-
Ute 1-12B3
(D) Brinkerhoff #54
13,000' Wasatch Test
7" csg @ 10,687'

12,816/60/44/200. Drilling. Background gas: 15 units.
Mud: (.837) 16.1 x 54 x 4.4 APR 10 1973

Shell-Amerada Hess-
Flying Diamond-
Ute 1-12B3
(D) Brinkerhoff #54
13,000' Wasatch Test
7" csg @ 10,687'

13,002/60/45/186. Short tripping to log. Background gas: 10 units.
Mud: (.842) 16.2 x 54 x 4 APR 11 1973

Shell-Amerada Hess-
Flying Diamond-
Ute 1-12B3
(D) Brinkerhoff #54
13,000' Wasatch Test
7" csg @ 10,687'

13,002/60/46/0. Circ logs. Trip gas: 200 units.
Mud: (.842) 16.2 x 54 x 4.4 APR 12 1973

Shell-Amerada Hess-
Flying Diamond-
Ute 1-12B3
(D) Brinkerhoff #54
13,000' Wasatch Test
7" csg @ 10,687'

13,002/60/47/0. Cond mud to complete logging. Ran in to 11,680-11,700, taking wt; worked in all tight spots on log run. Ran DIL, CNL/FDC-GR and BHCS-GR from 13,002-10,687. Stung in 50 sx Super Drill over 2 rds.
Mud: (.837) 16.1+ x 51 x 3.8 APR 13 1973

Shell-Amerada Hess-
Flying Diamond-
Ute 1-12B3
(D) Brinkerhoff #54
13,008' Wasatch Test
5" liner @ 13,006'

4/14: 13,002/60/48/0. Logging, reaming out tight spots. Circ and cond mud and tripped to log. Original BHCS and CNL/FDC stuck, reran w/tool sticking several places. Pulled tool and RD Schl. Reamed hole from 11,314-11,357, 11,503-11,669, 11,895-11,951. Hit tight spots @ 11,928 and from 12,157-12,232.
Mud: (.842) 16.2 x 51 x 3.6

4/15: 13,002/60/49/0. CO to run 5" liner. Reamed from 12,251-12,326, 12,346-12,418, 12,438-12,795, 12,814-12,889, 12,907-13,008. Hit tight spots @ 12,438, 12,771, 12,787, 12,844-12,857, 12,927, and 12,974-13,008. Circ and cond mud to log. RU Schl and ran CNL/FDC-GR. Tripped in w/bit to CO for liner.
Mud: (.842) 16.2 x 51 x 3.6

4/16: 13,008/60/50/0. Tripping in w/bit to DO cmt. Circ and cond mud 2½ hrs. Strapped out of hole, making 6' correction: 13,002 = 13,008. RU and ran 17 jts 5" SOO-95 and 42 jts 5" N-80 liner (2529.91'). Circ 2 hrs prior to cmtg w/328 cu ft Class "G" w/1.5% D-31, 18.1% W-1 and 0.4% R-5. CIP @ 1:20 AM, 4/16/73. Sheared 5" wiper plug w/1800 psi. Bumped plug w/3000 psi. Lost 2 bbls of mud while pmpg plug down. Cmtd and pmpd plug @ 3 B/M. Top of liner @ 10,465, shoe @ 13,006.
Mud: (.842) 16.2 x 51 x 3.6 APR 16 1973

Shell-Amerada Hess-
Flying Diamond-
Ute 1-12B3
(D) Brinkerhoff #54
13,008' Wasatch Test
5" liner @ 13,006'

13,008/60/51/0. Picking up 2-7/8" DP to CO 5" liner. Tagged top of cmt @ 10,261. Drld to top of hanger and circ hole clean. Tested liner lap to 1300 psi, OK. Pulled bit and started picking up 2-7/8" DP. APR 17 1973
Mud: (.842) 16.2 x 51 x 3.6

Shell-Amerada Hess-
Flying Diamond-
Ute 1-12B3
(D) Brinkerhoff #54
13,008' Wasatch Test
5" liner @ 13,006'

13,008/60/52/0. Going in hole for inflow test. APR 18 1973

Shell-Amerada Hess-
Flying Diamond-
Ute 1-12B3
(D) Brinkerhoff #54
13,008' Wasatch Test
5" liner @ 13,006'

13,008/60/53/0. PB 12,985. Displacing mud w/wtr. WO B-J pumper 3 hrs. Ran inflow test per work sheet, OK.
Mud: Wtr
Addition to 4/18 report: Top of cmt @ 10,472. Drld float @ 12,878 and 107' of cmt to 12,985. Tested liner to 1300 psi for 15 min, OK. Tripped out and started in hole w/M&M sqz tool.
Mud: (.842) 16.2 x 55 APR 19 1973

Shell-Amerada Hess-
Flying Diamond-
Ute 1-12B3
(D)
13,008' Wasatch Test
5" liner @ 13,006'

4/20: 13,008/60/54/0. PB 12,985. Running CBL. Displaced mud w/wtr. Laid down DP and DC's. Nippled up flange on top of Hydril for lubricator and press tested.
4/21: 13,008/60/55/0. PB 12,985. Nippling up 6" stack. Ran CBL, VDL and PDC logs from TD to 8200'. Ran Baker Model "D" pkr and set @ 10,435'. Ran 71 jts (2990') 5½" 14# heat string. Installed 5" BPV in csg hanger, nippled down and tested tbg spool.
4/22: 13,008/60/56/0. PB 12,985. Running 2-7/8" tbg. Nippled up and tested wellhd. Tested mandrel and tbg string to 7500 psi. APR 23 1973
4/23: TD 13,008. PB 12,985. RDRT. Finished running 2-7/8" tbg as prognosed. Circ and sptd chem down tbg. Tested to 7500 psi. Nippled down Xmas tree. Tested WH and tree to 7500 psi. Released rig @ 5 PM, 4/22/73.

Shell-Amerada Hess-
Flying Diamond-
Ute 1-12B3
(D)
13,008' Wasatch Test
5" liner @ 13,006'

TD 13,008. PB 12,985. MORT. (RDUFA). APR 24 1973

Shell-Amerada Hess-
Flying Diamond -
Ute 1-12B3
(D)
13,008' Wasatch Test
5" liner @ 13,006'

TD 13,008. PB 12,985. (RRD 4/24/73)
5/6: Prep to AT. MI&RU OWP. Perf'd from top down unidirectionally using magnetic decentralized steel tube carrier gun w/JRC Sidewinder charges (depths refer to BHCS log dated 4/12/73 except for depths @ 12,180 and 12,184 which refer to CNL-FDC log dated 4/12/73): Run #1: 10,708, 10,878, 10,911, 10,933, 10,937, 11,081, 11,336, 11,372, 11,381, 11,385, 11,433, 11,606, 11,629, 11,637, 11,653, 11,675, 11,679, 11,688. Press from zero to 1500 psi after perf'g to 3250 psi w/gun out of hole. Run #2: Shot from btm up as follows: 12,859, 12,855, 12,807, 12,802, 12,771, 12,542, 12,467, 12,403, 12,391, 12,313, 12,244, 12,184, 12,180, 12,149, 12,142, 12,088, 11,991, 11,836, 11,822, 11,777, 11,729. Press from 3800 to 3700 psi. Gun hung up @ 4380 while pulling out of hole. Worked line out of rope socket and pulled out of hole. Picked up and ran sinker bars and jars to fish @ 4380, jarring free and falling to btm. Top of fish @ 12,927' w/1" fishing neck looking up. Fishing neck on cable hd. Remainder of cable hd is 1' long x 1-7/16" OD, collar locator 17" long x 1-11/16" OD, top of top sub (22 subs total) 2" long x 2-1/8" OD, twenty-two guns 14" long x 2" OD, magnetic decentralizer 1' long x 2" OD. Total length of fish 30½'. Did not fish gun. MAY 7 1973
(Continued)

(Cont'd)

5/7: Prep to flow to pit. RU B-J and AT gross perfs 10,708-12,859 w/30,030 gal 15% HCl. Each 1000 gal acid contained 3 gal G-10, 3 gal C-15, 3 gal J-22 and 3# radioactive treated Iridium 192 sd and glass beads blended together. Flushed w/4620 gal FW w/each 1000 gal containing 165# NaCl and 3 gal G-10. Pmpd acid as follows: 65 bbls, dropped one 3/4" RCN ball sealer w/ 1.24 gr, pmpd 17 bbls and dropped one ball. Repeated 17 bbls acid and one ball sealer 36 times. Pmpd 21 bbls behind last ball. Max press 8350 psi, avg 7000 psi, min 6000 psi. Max rate 8 B/M, avg 7 B/M, min 5 B/M. ISIP 5800 psi decr to 5500 psi in 5 min and remaining @ 5500 psi in 20 min. No ball action or breaks until 554 bbls on fm. Remainder of job had good ball action and breaks. RD B-J. RU OWP and ran GR log from 12,925-10,300. Log indicated 15 holes not taking fluid or sml amt of fluid. RD OWP. MAY 7 1973

Shell-Amerada Hess-
Flying Diamond-
Ute 1-12B3
(D)
13,008' Wasatch Test
5" liner @ 13,006'

TD 13,008. PB 12,985. SI for BHP. Flowed to pit 9 hrs on 64/64" chk, flwg est 108 BO and 252 BW (GOR 1500 - acid gas and fm gas) w/300-50 psi TP, flwg by heads. Last hr, flwd est 7 BO and 8 BW by heads w/ 0-150 psi FTP. Chokes and press's as follows:

| Choke | Pressure | Choke | Pressure |
|---|---|---|---|
| 64/64" | 50 psi | 24/64" | 225 psi |
| 54/64" | 50 psi | 14/64" | 325 psi |
| 44/64" | 50 psi | 4/64" | 425 psi |
| 34/64" | 200 psi | SITP | 600 psi |

SI @ 6:20 PM. Pmpd 6 bbls diesel. Ran tandem bombs w/72-hr clocks to 11,800. Job complete @ 6:55 PM. TP 1850 psi. Will pull bombs on 5/10/73. MAY 8 1973

Shell-Amerada Hess-
Flying Diamond-
Ute 1-12B3
(D)
13,008' Wasatch Test
5" liner @ 13,006'

TD 13,008. PB 12,985. SI for BHP. MAY 9 1973

Shell-Amerada Hess-
Flying Diamond-
Ute 1-12B3
(D)
13,008' Wasatch Test
5" liner @ 13,006'

TD 13,008. PB 12,985. SI for BHP.
Correction to 5/7 report: RU OWP and ran GR log. Log indicated 4 holes not taking fluid. MAY 10 1973

Shell-Amerada Hess-
Flying Diamond-
Ute 1-12B3
(D)
13,008' Wasatch Test
5" liner @ 13,006'

TD 13,008. PB 12,985. SI, WO prod facilities. Pulled BHP bomb making gradient stops @ 12,000 and 11,600. After being SI 1 hr, TP 1850 psi, BHP 4889; after 60 hrs BHP 8230; after 71 hrs 8234, TP 4579 psi. Ran tandem bombs and max thermometer w/10,000# element w/3-hr clock making gradient stops as follows:

| Depth | BHP | Gradient Reading | Depth | BHP | Gradient Reading |
|---|---|---|---|---|---|
| 12,900 | 8711 | 500 | 11,500 | 8131 | 275 |
| 12,700 | 8611 | 470 | 11,300 | 8076 | 275 |
| 12,500 | 8517 | 495 | 11,100 | 8021 | 300 |
| 12,300 | 8418 | 470 | 10,900 | 7961 | 280 |
| 12,100 | 8324 | 385 | 10,700 | 7905 | 305 |
| 11,900 | 8247 | 304 | 10,500 | 7844 | 284 |
| 11,700 | 8186 | 275 | 10,000 | 7702 | 312 |

Pulled bomb out of hole. MAY 11 1973
(RDUFA)

Shell-Amerada Hess-
Flying Diamond-
Ute 1-12B3
(D)
13,008' Wasatch Test
5" liner @ 13,006'

TD 13,008. PB 12,985. (RRD 5/11/73). Flowing. On various tests, well flwd as follows: (first production)

| Rpt Date | Hrs | BO | BW | MCF Gas | Chk | FTP | CP |
|---|---|---|---|---|---|---|---|
| 3/17 | 20 | 275 | 60 | 300 | 10-24/64 | 1400 | 0 |
| 3/18 | 24 | 125 | 38 | 262 | 12-24/64 | 1400 | 0 |

MAR 18 1974

Shell-Amerada Hess-
Flying Diamond-
Ute 1-12B3
(D)
13,008' Wasatch Test
5" liner @ 13,006'

TD 13,008. PB 12,985. Flowing. On 24-hr test, flwd 331 BO, 37 BW and 261 MCF gas on 12-24/64" chk w/1000 psi FTP and zero CP. MAR 19 1974

Shell-Amerada Hess-
Flying Diamond-
Ute 1-12B3
(D)
13,008' Wasatch Test
5" liner @ 13,006'

TD 13,008. PB 12,985. Flowing. On 14-hr test, flwd 117 BO, 38 BW and 154 MCF gas on 12-24/64" chk w/1000 psi FTP and zero CP. MAR 20 1974

Shell-Amerada Hess-
Flying Diamond-
Ute 1-12B3
(D)
13,008' Wasatch Test
5" liner @ 13,006'

TD 13,008. PB 12,985. Flowing. On 6-hr test, flwd 81 BO, 5 BW and 100 MCF gas on 12-24/64" chk w/1000 psi FTP and zero CP. MAR 21 1974

Shell-Amerada Hess-
Flying Diamond-
Ute 1-12B3
(D)
13,008' Wasatch Test
5" liner @ 13,006'

TD 13,008. PB 12,985. Flowing. On 12-hr test, flwd 60 BO, 7 BW and 120 MCF gas on 12-24/64" chk w/1300 psi FTP and zero CP.

MAR 22 1974

Shell-Amerada Hess-
Flying Diamond-
Ute 1-12B3
(D)
13,008' Wasatch Test
5" liner @ 13,006'

TD 13,008. PB 12,985. Flowing. On various tests, well flwd as follows:

MAR 25 1974

| Rpt Date | Hrs | BO | BW | MCF Gas | Chk | FTP | CP |
|---|---|---|---|---|---|---|---|
| 3/23 | 12 | 76 | 5 | 120 | 12-28/64 | 1300 | 0 |
| 3/24 | 24 | 244 | 35 | 340 | 10-24/64 | 400 | 0 |
| 3/25 | 8 | 70 | 10 | 112 | 10-24/64 | 400 | 0 |

Shell-Amerada Hess-
Flying Diamond-
Ute 1-12B3
(D)
13,008' Wasatch Test
5" liner @ 13,006'

TD 13,008. PB 12,985. Flowing. On 18-hr test, flwd 179 BO, 15 BW and 252 MCF gas on 10-24/64" chk w/400 psi FTP and zero CP.

MAR 26 1974

Shell-Amerada Hess-
Flying Diamond-
Ute 1-12B3
(D)
13,008' Wasatch Test
5" liner @ 13,006'

TD 13,008. PB 12,985. SI. No production past 24 hrs.

MAR 27 1974

Shell-Amerada Hess-
Flying Diamond-
Ute 1-12B3
(D)
13,008' Wasatch Test
5" liner @ 13,006'

TD 13,008. PB 12,985. Flowing. On 24-hr test, flwd 216 BO, 15 BW and 436 MCF gas on 12-20/64" chk w/800 psi FTP and zero CP.

MAR 28 1974

Shell-Amerada Hess-
Flying Diamond-
Ute 1-12B3
(D)
13,008' Wasatch Test
5" liner @ 13,006'

TD 13,008. PB 12,985. Flowing. On 1-hr test, flwd 17 BO, 3 BW and 16 MCF gas on 12-20/64" chk w/2600 psi FTP and zero CP. (Waxed off)

MAR 30 1974

Shell-Amerada Hess-
Flying Diamond-
Ute 1-12B3
(D)
13,008' Wasatch Test
KB 5953', GL 5928'
5" liner @ 13,006'

TD 13,008. PB 12,985. Flowing. On various tests, flwd as follows:

| Rpt Date | Hrs | BO | BW | MCF Gas | Chk | FTP | CP |
|---|---|---|---|---|---|---|---|
| 3/30 | 24 | 130 | 4 | 415 | 12-20/64 | 1550 | 0 |
| 3/31 | 24 | 141 | 18 | 283 | 12-20/64 | 1100 | 0 |
| 4/1 | 18 | 101 | 20 | 187 | 12-20/64 | 1100 | 0 |

APR 1 - 1974

Shell-Amerada Hess-
Flying Diamond-
Ute 1-12B3
(D)
13,008' Wasatch Test
KB 5953', GL 5928'
5" liner @ 13,006'

TD 13,008. PB 12,985. Flowing. On 24-hr test flwd 142 BO, 20 BW, 283 MCF gas on 12-20/64" chk w/800 psi FTP and zero CP.

APR 2 - 1974

Shell-Amerada Hess-
Flying Diamond-
Ute 1-12B3
(D)
13,008' Wasatch Test
KB 5953', GL 5928'
5" liner @ 13,006'

TD 13,008. PB 12,985. Flowing. On 24-hr test, flwd 141 BO, 25 BW and 315 MCF gas on 12-20/64" chk w/700 psi FTP and zero CP.

APR 3 - 1974

Shell-Amerada Hess-
Flying Diamond-
Ute 1-12B3
(D)
13,008' Wasatch Test
KB 5953', GL 5928'
5" liner @ 13,006'

TD 13,008. PB 12,985. Flowing. On 24-hr test, flwd 130 BO, 25 BW and 315 MCF gas on 12-20/64" chk w/500 psi FTP and zero CP.

APR 4 - 1974

Shell-Amerada Hess-
Flying Diamond-
Ute 1-12B3
(D)
13,008' Wasatch Test
KB 5953', GL 5928'
5" liner @ 13,006'

TD 13,008. PB 12,985. Flowing. On 24-hr test, flwd 120 BO, 20 BW and 315 MCF gas on 12-20/64" chk w/700 psi FTP and zero CP.

APR 5 - 1974

Shell-Amerada Hess-
Flying Diamond-
Ute 1-12B3
(D)
13,008' Wasatch Test
KB 5953', GL 5928'
5" liner @ 13,006'

TD 13,008. PB 12,985. Flowing. On various tests, well flwd as follows:

| Rpt Date | Hrs | BO | BW | MCF Gas | Chk | FTP | CP |
|---|---|---|---|---|---|---|---|
| 4/6 | 8 | 39 | 10 | 120 | 12-20/64 | 700 | 0 |
| 4/7 | SI, no production | | | | | | |
| 4/8 | 24 | 144 | 7 | 315 | 12-20/64 | 1200 | 0 |

APR 8 - 1974

Shell-Amerada Hess-
Flying Diamond-
Ute 1-12B3
(D)
13,008' Wasatch Test
KB 5953', GL 5928'
5" liner @ 13,006'

TD 13,008. PB 12,985. Flowing. On 24-hr test, flwd 125 BO, 23 BW and 472 MCF gas on 12-20/64" chk w/700 psi FTP and zero CP.

APR 9 - 1974

Shell-Amerada Hess-
Flying Diamond-
Ute 1-12B3
(D)
13,008' Wasatch Test
KB 5953', GL 5928'
5" liner @ 13,006'

TD 13,008. PB 12,985. Flowing. On 24-hr test, flwd 119 BO, 20 BW and 453 MCF gas on 12-20/64" chk w/500 psi FTP and zero CP.

APR 10 1974

Shell-Amerada Hess-
Flying Diamond-
Ute 1-12B3
(D)
13,008' Wasatch Test
KB 5953', GL 5928'
5" liner @ 13,006'

TD 13,008. PB 12,985. Flowing. On 24-hr test, flwd 122 BO, 20 BW and 447 MCF gas on 12-20/64" chk w/400 psi FTP and zero CP.

APR 11 1974

Shell-Amerada Hess-
Flying Diamond-
Ute 1-12B3
(D)
13,008' Wasatch Test
KB 5953', GL 5928'
5" liner @ 13,006'

TD 13,008. PB 12,985. Flowing. On various tests, flwd as follows:

APR 15 1974

| Rpt Date | Hrs | BO | BW | MCF Gas | Chk | FTP | CP |
|---|---|---|---|---|---|---|---|
| 4/12 | SI 24 hrs | | | | | | |
| 4/13 | 18 | 126 | 15 | 167 | 12-20/64 | 600 | 0 |
| 4/14 | 24 | 108 | 15 | 184 | 12-20/64 | 500 | 0 |
| 4/15 | 18 | 76 | 15 | 146 | 12-20/64 | 500 | 0 |

Shell-Amerada Hess-
Flying Diamond-
Ute 1-12B3
(D)
13,008' Wasatch Test
KB 5953', GL 5928'
5" liner @ 13,006'

TD 13,008. PB 12,985. Flowing. On 24-hr test, flwd 124 BO, 25 BW and 157 MCF gas on 12-20/64" chk w/400 psi FTP and zero CP.

APR 16 1974

Shell-Amerada Hess-
Flying Diamond-
Ute 1-12B3
(D)
13,008' Wasatch Test
KB 5953', GL 5928'
5" liner @ 13,006'

TD 13,008. PB 12,985. Flowing. On 24-hr test, flwd 93 BO, 20 BW and 129 MCF gas on 12-20/64" chk w/400 psi FTP and zero CP.

APR 17 1974

Shell-Amerada Hess-
Flying Diamond-
Ute 1-12B3
(D)
13,008' Wasatch Test
KB 5953', GL 5928'
5" liner @ 13,006'

TD 13,008. PB 12,985. Flowing. On 5-hr test, flwd 21 BO, 3 BW and 38 MCF gas on 12-20/64" chk w/400 psi FTP and zero CP.

APR 18 1974

Shell-Amerada Hess-
Flying Diamond-
Ute 1-12B3
(D)
13,008' Wasatch Test
KB 5953', GL 5928'
5" liner @ 13,006'

TD 13,008. PB 12,985. Flowing. On 24-hr test, flwd 120 BO, 16 BW and 129 MCF gas on 12-20/64" chk w/400 psi FTP and zero CP.

APR 19 1974

Shell-Amerada Hess-
Flying Diamond-
Ute 1-12B3
(D)
13,008' Wasatch Test
KB 5953', GL 5928'
5" liner @ 13,006'

TD 13,008. PB 12,985. Flowing. On 24-hr tests, flwd as follows:

| Rpt Date | BO | BW | MCF Gas | Chk | FTP | CP |
|---|---|---|---|---|---|---|
| 4/20 | 103 | 23 | 131 | 12-20/64 | 300 | 0 |
| 4/21 | 92 | 18 | 131 | 12-20/64 | 300 | 0 |
| 4/22 | 86 | 20 | 125 | 12-20/64 | 300 | 0 |

APR 22 1974

Shell-Amerada Hess-
Flying Diamond-
Ute 1-12B3
(D)
13,008' Wasatch Test
KB 5953', GL 5928'
5" liner @ 13,006'

TD 13,008. PB 12,985. Flowing. On 24-hr test, flwd 82 BO, 15 BW and 125 MCF gas on 12-20/64" chk w/300 psi FTP and zero CP.

APR 23 1974

Shell-Amerada Hess-
Flying Diamond-
Ute 1-12B3
(D)
13,008' Wasatch Test
KB 5953', GL 5928'
5" liner @ 13,006'

TD 13,008. PB 12,985. Flowing. On 24-hr test, flwd 70 BO, 20 BW and 125 MCF gas on 12-20/64" chk w/400 psi FTP and zero CP.

APR 24 1974

Shell-Amerada Hess-
Flying Diamond-
Ute 1-12B3
(D)
13,008' Wasatch Test
KB 5953', GL 5928'
5" liner @ 13,006'

TD 13,008. PB 12,985. Flowing. On 24-hr test, flwd 81 BO, 15 BW and 115 MCF gas on 12-20/64" chk w/400 psi FTP and zero CP.

APR 25 1974

Shell-Amerada Hess-
Flying Diamond-
Ute 1-12B3
(D)
13,008' Wasatch Test
KB 5953', GL 5928'
5" liner @ 13,006'

TD 13,008. PB 12,985. SI.

APR 26 1974

Shell-Amerada Hess-
Flying Diamond-
Ute 1-12B3
(D)
13,008' Wasatch Test
KB 5953', GL 5928'
5" liner @ 13,006'

TD 13,008. PB 12,985. Flowing. On various tests, flwd as follows:

| Rpt Date | Hrs | BO | BW | MCF Gas | Chk | FTP | CP |
|---|---|---|---|---|---|---|---|
| 4/27 | 20 | 89 | 10 | 115 | 12-20/64 | 400 | 0 |
| 4/28 | 24 | 76 | 10 | 115 | 12-20/64 | 500 | 0 |
| 4/29 | 24 | 81 | 25 | 115 | 12-20/64 | 300 | 0 |

APR 29 1974

Shell-Amerada Hess-
Flying Diamond-
Ute 1-12B3
(D)
13,008' Wasatch Test
KB 5953', GL 5928'
5" liner @ 13,006'

TD 13,008. PB 12,985. Flowing. On 24-hr test, flwd 87 BO, 15 BW and 85 MCF gas on 12-20/64" chk w/300 psi FTP and zero CP.

APR 30 1974

Shell-Amerada Hess-
Flying Diamond-
Ute 1-12B3
(D)
13,008' Wasatch Test
KB 5953', GL 5928'
5" liner @ 13,006'

TD 13,008. PB 12,985. Flowing. On 24-hr test, flwd 76 BO, 15 BW and 84 MCF gas on 12-20/64" chk w/250 psi FTP and zero CP.

MAY 1 - 1974

Shell-Amerada Hess-
Flying Diamond-
Ute 1-12B3
(D)
13,008' Wasatch Test
KB 5953', GL 5928'
5" liner @ 13,006'

TD 13,008. PB 12,985. Flowing. On 24-hr test, flwd 66 BO, 15 BW and 84 MCF gas on 12-20/64" chk w/250 psi FTP and zero CP.

MAY 2 - 1974

Shell-Amerada Hess-
Flying Diamond-
Ute 1-12B3
(D)
13,008' Wasatch Test
KB 5953', GL 5928'
5" liner @ 13,006'

TD 13,008. PB 12,985. Flowing. On 24-hr test, flwd 61 BO, 12 BW and 131 MCF gas on 12/64" chk w/250 psi FTP and zero CP.

MAY 3 - 1974

Shell-Amerada Hess-
Flying Diamond-
Ute 1-12B3
(D)
13,008' Wasatch Test
KB 5953', GL 5928'
5" liner @ 13,006'

5/4-5/6: TD 13,008. PB 12,985. SI.

MAY 6 - 1974

Shell-Amerada Hess-
Flying Diamond-
Ute 1-12B3
(D)
13,008' Wasatch Test
KB 5953', GL 5928'
5" liner @ 13,006'

TD 13,008. PB 12,985. SI. (RDUFA)

MAY 7 - 1974

Shell-Amerada Hess-
Flying Diamond-
Ute 1-12B3
(D)
13,008' Wasatch Test
KB 5953', GL 5928'
5" liner @ 13,006'

TD 13,008. PB 12,985. (RRD 5/7/74) Flowing. On 24-hr test, flwd 144 BO, 180 BW and 176 MCF gas on 14/64" chk w/450 psi FTP and zero CP.

MAY 10 1974

Shell-Amerada Hess-
Flying Diamond-
Ute 1-12B3
(D)
13,008' Wasatch Test
KB 5953', GL 5928'
5" liner @ 13,006'

TD 13,008. PB 12,985. SI.

MAY 13 1974

Shell-Amerada Hess-
Flying Diamond-
Ute 1-12B3
(D)
13,008' Wasatch Test
KB 5953', GL 5928'
5" liner @ 13,006'

TD 13,008. PB 12,985. SI.

MAY 14 1974

Shell-Amerada Hess-
Flying Diamond-
Ute 1-12B3
(D)
13,008' Wasatch Test
KB 5953', GL 5928'
5" liner @ 13,006'

TD 13,008. PB 12,985. Flowing. TP on 5/14 3500 psi. RU slick line and ran to 12,900. RD slick line. RU OWP and perf'd 1 hole each from top down unidirectionally using 2" steel hollow carrier gun decentralized w/magnets at top, middle and btm, using Harrision RT charges. All perfs correlated to Schl BHC-GR log dated 4/12/73. Run #1: 10,933, 10,937, 11,081, 11,336, 11,373, 11,381. Pulled out of hole and checked gun for misfire, OK. TP from 2600-2790 psi. Run #2: 11,385, 11,433, 11,606, 11,629, 11,637, 11,653, 11,675, 11,679, 11,688, 11,729, 11,777, 11,822, 11,836, 11,991, 12,088, 12,142, 12,147, 12,151, 12,180, 12,184, 12,245, 12,313, 12,390, 12,402, 12,467, 12,542, 12,771, 12,802, 12,808, 12,855, 12,859. Press from 2550-2900 psi. RD OWP. Installed 10,000# Xmas tree. Opened well to tank battery. Prep to AT on 5/16.

MAY 15 1974

Shell-Amerada Hess-
Flying Diamond-
(D)
13,008' Wasatch Test
KB 5953', GL 5928'
5" liner @ 13,006'

TD 13,008. PB 12,985. Prep to AT. Cut paraffin and backed well down w/30 bbls diesel. On 18-hr test, flwd 330 BO, 8 BW and 306 MCF gas on 10-32/64" chk w/200 psi FTP and zero CP.

MAY 16 1974

Shell-Amerada Hess-
Flying Diamond-
(D) Ute 1-12B3
13,008' Wasatch Test
KB 5953', GL 5928'
5" liner @ 13,006'

TD 13,008. PB 12,985. Flowing. In 6 hours flowed 40 BO, 0 BW and 96 MCF gas on 20-32/64" chk w/200 psi FTP and zero CP.

MAY 17 1974

Shell-Amerada Hess-
Flying Diamond-
Ute 1-12B3
(D)
13,008' Wasatch Test
KB 5953', GL 5928'
5" liner @ 13,006'

TD 13,008. PB 12,985.
5/18: Prep to flow to tank battery. TP 2800 psi. MI&RU B-J and AT gross perfs w/20,000 gal 15% HCl w/ each 1000 gal acid containing 3 gal G-10, 3 gal C-15, 3 gal J-22, 30# OS-160 Wide Range Unibeads and 30# OS-160 Button Unibeads. Last 10 bbls contained all of above except Unibeads. Flushed w/4200 gal lease prod wtr w/each 1000 gal containing 3 gal G-10. All fluid heated to 80 deg. Held 3500 psi on annulus. Pmpd acid as follows: Pmpd 10 bbls acid, dropped one 7/8" RCN ball sealer w/1.24 gr, pmpd 3 bbls acid, dropped one ball sealer. Repeated 3 bbls acid and one ball sealer 151 times. Pmpd 10 bbls acid followed by flush. Max press 9100 psi, avg 8500 psi, min 7600 psi. Max rate 13.5 B/M, avg 11.6 B/M, min 10 B/M. ISIP 5400 psi, remaining at 5400 psi in 10 min, to 5350 psi in 15 min, to 5300 psi in 20 min. With acid on fm, had one break of 600 psi. Dropped all balls. Did not ball out. RD B-J. RU OWP and ran GR log over perf'd interval. Btm five zones (12,500-12,720) read high background w/high background also from 10,530-10,700. RD OWP. On 2-hr test, flwd 27 BO, 70 BW and 40 MCF gas on 20-32/64" chk w/1400 psi FTP and zero CP.
5/19: Flowing. On 24-hr test, flwd 326 BO, 555 BW and 763 MCF gas on 20-32/64" chk w/350 psi FTP and zero CP.
5/20: Flowing. On 19-hr test, flwd 382 BO, 100 BW and 722 MCF gas on 24-32/64" chk w/350 psi FTP and zero CP.

MAY 20 1974

Shell-Amerada Hess-
Flying Diamond-
Ute 1-12B3
(D)
13,008' Wasatch Test
KB 5953', GL 5928'
5" liner @ 13,006'

TD 13,008. PB 12,985. Flowing. On 21-hr test, flwd 302 BO, 131 BW and 627 MCF gas on 24-38/64" chk w/350 psi FTP and zero CP.

MAY 21 1974

Shell-Amerada Hess-
Flying Diamond-
Ute 1-12B3
(D)
13,008' Wasatch Test
KB 5953', GL 5928'
5" liner @ 13,006'

TD 13,008. PB 12,985. Flowing. On 8-hr test, flwd 124 BO, 41 BW and 272 MCF gas on 24-38/64" chk w/350 psi FTP and zero CP.

MAY 22 1974

Shell-Amerada Hess-
Flying Diamond-
Ute 1-12B3
(D)
13,008' Wasatch Test
KB 5953', GL 5928'
5" liner @ 13,006'

TD 13,008. PB 12,985. SI. No production past 24 hrs.

MAY 23 1974

Shell-Amerada Hess-
Flying Diamond-
Ute 1-12B3
(D)
13,008' Wasatch Test
KB 5953', GL 5928'
5" liner @ 13,006'

TD 13,008. PB 12,985. Prep to flow back. Frac trtd perfs 10,708-12,859 w/9170 gal My-T-Frac gelled sd mixture containing 42,500# 20-40 mesh sd before screening out. Est 20,000# sd in fm. Slurry concentrated at 2#/gal to 10#/gal. Pmpd My-T-Frac fluid as follows: 300 gal PAD, dropped three 7/8" ball sealers, 100# OS-160 Unibeads (50% Wide Range and 50% Buttons), 700 gal PAD, pmpd 1000 gal plus 2000# sd, 1000 gal plus 4000# sd, 1000 gal plus 6000# sd, 1000 gal plus 8000# sd, 1000 gal plus 10,000# sd, dropped four ball sealers. Pmpd 1000 gal plus 10,000# sd, dropped four ball sealers. Pmpd 250 gal plus 2500# sd. Totals: 7250 gal My-T-Frac gel, 42,500# sd, 100# Unibeads, 11 ball sealers. Ran total of 9170 gal mixture. Commenced PAD at 5 B/M at 5600 psi, incr rate to 10.5 B/M w/TP of 6500 psi as PAD reached top perfs. Pmpd 2#/gal at 6700 psi, 4#/gal at 7000 psi, 6#/gal at 7800 psi, 8#/gal at 8300 psi to 9000 psi to 10,000 psi, 10#/gal at 8200 psi to 10,000 psi, at zero to 5 B/M. ISIP 10,000 psi, decr to 9000 psi in 5 min, to 7200 psi in 1 hr, to 3700 psi in 2 hrs, to 2450 psi in 3 hrs, to 2375 psi in 4 hrs, to 2350 psi in 5 hrs. Total load 173 bbls.

MAY 24 1974

Shell-Amerada Hess-
Flying Diamond-
Ute 1-12B3
(D)
13,008' Wasatch Test
KB 5953', GL 5928'
5" liner @ 13,006'

TD 13,008. PB 12,985.
5/25: Prep to run coil tbg unit. TP 2600 psi on 5/27. Opened well to pit. Press to zero in 1 min. Bled off CP and rec'd wtr, gas and green oil. SI and WO coil tbg unit.
5/26: Flowing to tank battery. RU Nowsco 1" coil tbg unit and ran to 2400', hitting sand. Circ sd from 2400 to 12,870' at rate of 1/2 B/M w/prod wtr. When coil tbg unit at 11,000', well started flwg. Pulled out of hole, circ 1/2 B/M and turned well over to prod.
5/27: Flowing. On 16-hr test, flwd 301 BO, 93 BW and 592 MCF gas on 24-38/64" chk w/350 psi FTP and zero CP.
5/28: Flowing. On 24-hr test, flwd 355 BO, 75 BW and 766 MCF gas on 24-38/64" chk w/120 psi FTP and zero CP.

MAY 28 1974

Shell-Amerada Hess-
Flying Diamond-
Ute 1-12B3
(D)
13,008' Wasatch Test
KB 5953', GL 5928'
5" liner @ 13,006'

TD 13,008. PB 12,985. Flowing. On 22-hr test, flwd 323 BO, 86 BW and 594 MCF gas of 24-38/64" chk w/75 psi FTP and zero CP.

MAY 29 1974

Shell-Amerada Hess-
Flying Diamond-
Ute 1-12B3
(D)
13,008' Wasatch Test
KB 5953', GL 5928'
5" liner @ 13,006'

TD 13,008. PB 12,985. Flowing. On 22-hr test, flwd 285 BO, 64 BW and 572 MCF gas on 24-38/64" chk w/150 psi FTP and zero CP.

MAY 30 1974

Shell-Amerada Hess-
Flying Diamond-
Ute 1-12B3
(D)
13,008' Wasatch Test
KB 5953', GL 5928'
5" liner @ 13,006'

TD 13,008. PB 12,985. Flowing. On 10-hr test, flwd 54 BO, 9 BW and 220 MCF gas on 18-38/64" chk w/1400 psi FTP and zero CP.

MAY 31 1974

Shell-Amerada Hess-
Flying Diamond-
Ute 1-12B3
(D)
13,008' Wasatch Test
KB 5953', GL 5928'
5" liner @ 13,006'

TD 13,008. PB 12,985. Flowing. On 24-hr tests, flwd as follows:

| Rpt Date | BO | BW | MCF Gas | Chk | FTP | CP |
|---|---|---|---|---|---|---|
| 6/1 | 127 | 6 | 306 | 12-38/64 | 1700 | 0 |
| 6/2 | 201 | 96 | 466 | 21-38/64 | 300 | 0 |
| 6/3 | 190 | 59 | 466 | 24-38/64 | 150 | 0 |

JUN 3 1974

Shell-Amerada Hess-
Flying Diamond-
Ute 1-12B3
(D)
13,008' Wasatch Test
KB 5953', GL 5928'
5" liner @ 13,006'

TD 13,008. PB 12,985. SI, no production past 24 hrs.

JUN 4 1974

Shell-Amerada Hess-
Flying Diamond-
Ute 1-12B3
(D)
13,008' Wasatch Test
KB 5953', GL 5928'
5" liner @ 13,006'

TD 13,008. PB 12,985. Flowing. On 24-hr test, flwd 263 BO, 65 BW and 466 MCF gas on 24-38/64" chk w/300 psi FTP and zero CP.

JUN 5 1974

Shell-Amerada Hess-
Flying Diamond-
Ute 1-12B3
(D)
13,008' Wasatch Test
KB 5953', GL 5928'
5" liner @ 13,006'

TD 13,008. PB 12,985. Flowing. On 24-hr test, flwd 162 BO, 53 BW and 255 MCF gas on 24-38/64" chk w/100 psi FTP and zero CP.

JUN 6 1974

Shell-Amerada Hess-
Flying Diamond-
Ute 1-12B3
(D)
13,008' Wasatch Test
KB 5953', GL 5928'
5" liner @ 13,006'

TD 13,008. PB 12,985. Flowing. On 24-hr test, flwd 152 BO, 43 BW and 193 MCF gas on 24-38/64" chk w/50 psi FTP and zero CP.

JUN 7 1974

Shell-Amerada Hess-
Flying Diamond-
Ute 1-12B3
13,008' Wasatch Test
KB 5953', GL 5928'
5" liner @ 13,006'

TD 13,008. PB 12,985. Flowing. On various tests, well flwd as follows:

| Rpt Date | Hrs | BO | BW | MCF Gas | Chk/64 | FTP | CP |
|---|---|---|---|---|---|---|---|
| 6/8 | 19 | 130 | 36 | 190 | 24-38 | 50 | 0 |
| 6/9 | SI 24 hrs | | | | | | |
| 6/10 | 24 | 200 | 47 | 227 | 24-38 | 200 | 0 |

JUN 10 1974

Shell-Amerada Hess-
Flying Diamond-
Ute 1-12B3
(D)
13,008' Wasatch Test
KB 5953', GL 5928'
5" liner @ 13,006'

TD 13,008. PB 12,985. Flowing. On 24-hr test, flwd 152 BO, 57 BW and 192 MCF gas on 24-38/64" chk w/150 psi FTP and zero CP.

JUN 11 1974

Form 9-331
(May 1963)

UNITED STATES
DEPARTMENT OF THE INTERIOR
GEOLOGICAL SURVEY

SUBMIT IN TRIPLICATE* (Other instructions on reverse side)

Form approved.
Budget Bureau No. 42-R1424.

# 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.: Tribal 14-20-H62-1810

6. IF INDIAN, ALLOTTEE OR TRIBE NAME:

1. OIL WELL [XX] GAS WELL [ ] OTHER

7. UNIT AGREEMENT NAME:

2. NAME OF OPERATOR: Shell Oil Company

8. FARM OR LEASE NAME: Ute

3. ADDRESS OF OPERATOR: 1700 Broadway, Denver, Colorado 80202

9. WELL NO.: 1-12B3

4. LOCATION OF WELL (Report location clearly and in accordance with any State requirements.* See also space 17 below.) At surface: 2296' FSL and 3185' FEL Section 12

10. FIELD AND POOL, OR WILDCAT: Altamont

11. SEC., T., R., M., OR BLK. AND SURVEY OR AREA: NE/4 SW/4 Section 12-T2S-R3W

14. PERMIT NO.:

15. ELEVATIONS (Show whether DF, RT, GR, etc.): 5953 KB

12. COUNTY OR PARISH: Duchesne

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 | X | 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.)*

See attachment

APPROVED BY THE DIVISION OF OIL, GAS, AND MINING
DATE: Jan 16, 1976
BY: P. L. Driscoll

RECEIVED
JAN 16 1976
DIVISION OF OIL, GAS, & MINING

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

SIGNED: J. W. Kimmel TITLE: Div. Opers. Engr. DATE: 1/14/76

(This space for Federal or State office use)

APPROVED BY: TITLE: DATE:

CONDITIONS OF APPROVAL, IF ANY:

cc: Utah Oil & Gas Conservation Commission w/attachment

*See Instructions on Reverse Side

REMEDIAL PROGNOSIS
SHELL ET AL UTE 1-12B3
SECTION 12, T2S, R3W
DUCHESNE COUNTY, UTAH

PERTINENT DATA:

Elevation: 5953' KB (Datum)
GL: 5928'
TD: 13,008'
PBTD: 12,985' (original), 12,927' (perf gun on bottom)
7" 26# and 29# S-95 @ 10,687'
5" 18# N-80 and S-95 @ 13,006'
5" Liner Top @ 10,460'
Packer (Baker Model "D" @ 10,435'
2 7/8" N-80 Tubing with Tail @ 10,466'
Perforations: 10,708'-12,859' (76 holes in 37 zones)
Fluid in Borehole: Water, oil and gas

SHELL'S SHARE: 71.3%
AFE NO.: 522357

CURRENT STATUS:

Cumulative Production (3/74 - 11/75): 38,700 BO + 5,700 BW (13%)
Current Production Rate (First half of November, 1975) 43 BOPD + 4 BWPD (9%)
GOR 1321, FTP 100 psi.

PREVIOUS STIMULATION:

Initial completion (5-6-73): AT perfs 10,708' - 12,859' (39 holes) with 30,030 gals (715 bbls) 15% HCl with BS.
Initial completion (5-17-74): AT perfs 10,708' - 12,859' (76 holes) w/20,000 gals (476 bbls) 15% HCl w/BS.
Initial completion (5-23-74): FT perfs 10,708' - 12,859' (76 holes) w/9170 gals My-T-Frac and 42,500# sand. Estimate 20,000# of sand in formation when screened out.

PROPOSED OPERATION:

Pull packer and production equipment. Isolate a select interval with 5" packer at 12,270' and set FH Hydrostatic 7" packer at 10,400". Perforate additional interval with 128 holes. Acid treat perfs w/15% HCl acid. Take BHP survey and Production Log.

PROCEDURE:

1. RUCR. Kill well with clean produced water.

2. Sting out of packer and pull 2 7/8" tubing and "EL" on-off assembly. Pull 5-1/2" heat string and lay down.

3. RI w/packer milling tool and pluck Model "D" packer @ 10,435'.

4. Clean out 7" casing to top of 5" liner (10,460').

5. Clean out 5" liner to PBTD ±12,927'. Make sure liner top is dressed.

6. Spot 11 bbls of weighted, double inhibited, gelled, 10% acetic acid from PBTD to 12,300'.

   Note: Acid to contain per 1000 gal: 1000# NaCl, 16 gal C-9, 50# G-25, 3 gal J-22.

7. On wire line, run and set in 5" liner at 12,270' a Size 32 Baker Model FAB-30 Production Packer w/steel body w/Baker Model "C" plugholder w/Model "B" pushout plug in place. Also on a wire line, run and set in 7" casing a Baker Size 85-40 Model "F-1" Retainer Production Packer.

   Note: Pressure test packer assembly to 7500 psi prior to going in the hole.

8. Run production equipment as follows:

   a. Baker Model 20 FA 30 Anchor Tubing Seal Nipple.

   b. 1300' of 2-7/8" P-105 x line plus about 570' of P-105 Hydril CS tubing, with appropriate cross-overs.

   c. Baker size 8-40 spacer seal assembly w/20' seals.

   d. Approximately 10,400' of 2-7/8" N-80 EUE tubing w/KBM-G mandrels at 2900', 5300', 7000', 8200', 9000', 9700', and 10,300'.

9. Latch tubing into packer. Test packer with 20,000# set down and 20,000# tension. Pull 5000# tension and mark tubing for landing. Unlatch from packer and space out. Land tubing and lock in.

10. Pressure test tubing to 7500 psi w/no pressure on annulus. Hold for 1 hour and observe for bleed off.

11. Pressure test annulus to 4000 psi. Hold for 1 hour and observe for bleed off.

c. Note and record pressure changes during and after perforating.

15. Acid treat perforations (12,311'-12,859') with 582 bbls of gelled 15% HCl acid as follows:

a. Pump 3 bbls of acid and drop one 7/8" RCN ball sealer (S.G. 1.2).

b. Repeat Step 16.a, 191 times for a total of 576 bbls of acid and 192 ball sealers.

c. Pump 6 bbls of acid without Unibeads.

d. Flush with 73 bbls of clean produced water containing 3 gal G-10 per 1000 gal of water followed by 10 bbls of diesel.

e. Note: 1) All acid except last 6 bbls (refer to Step 16.c) to contain the following additives per 1,000 gals: 12 gals G-10, 3 gals C-15, 3 gals J-22, 40# OS-160 Wide-Range Unibeads, and 3# 20-40 mesh RA sand.

2) Heat all fluids to 100° F.

3) Place and hold 3,500 psi on tubing-casing annulus.

4) Pumping rates - establish an acid injection rate of 15 B/M. Maintain this rate until wellhead pressure approaches 10,000 psi; thereafter continue injecting acid (and flush) at the maximum possible rates while not exceeding 10,000 psi WHP.

5) "Balling-out" at maximum allowable surface pressure is the object of this treatment; therefore, if "ball-out" occurs before all acid is injected into the formation, hold 10,000 psi wellhead static pressure on formation for at least 10 minutes before bleeding back. Back-flow briefly, then recommence injecting remainder of acid and ball sealers. If subsequent "ball-out" occurs, repeat the preceding sequence. Do not cut balls from acid until several complete "ball-outs" have occurred.

16. Run GR log to locate accumulations of RA sand as soon after treatment as possible.

17. Open well and clean-up at maximum rate on 1" choke; record flowing pressures and any shut-in pressures. Keep record of load and ball sealer recovery.

18. Establish flow capacity after clean-up; flow for ±4 days at maximum rate.

19. Collect produced oil and water samples and make analysis.

20. Shut-in for BHP survey and gradient survey as follows:

    a. Shut-in well in order to run bombs.

    b. Run tandem bombs and maximum recording thermometer; 10,000 psi pressure elements and 72-hour clocks; 250°F thermometer.

    c. Run pressure bombs to 12600'.

    d. Open well and flow for 4 hours at a rate equal to that prior to shut-in; record rates and pressures. Shut-in well and back-down with ±25 bbls of heated diesel.

    e. After +64 hours, pull pressure bombs making nine 10-minute gradient stops at PBTD, 12,000', 11,000', 10,000', 8,000', 6,000', 4,000', 2,000', and in lubricator (total elapsed time from start-up of clocks should not exceed 72 hours). Record tubing and casing pressures at time of shut-in and at end of survey.

21. Open well and flow at maximum capacity for two days. DO NOT RUN WITHOUT APPROVAL FROM DENVER OFFICE.

22. Run production logs (Full-Bore Spinner, Temperature, Gradiomanometer, and Manometer) as follows:

    a. Well should have flowed at stabilized, high rate for at least ±2 days prior to logging.

    b. Cut wax to insure tubing is clear to 7,000'.

    c. MI&RU Schlumberger mast, lubricator, and production logging equipment; if necessary, rig up lights to permit overnight operation.

    d. SI well and if necessary backdown with diesel to 7,000'.

    e. Make dummy run with Schlumberger tools of equal or greater O.D., length, and weight, recording drag each 1000' from surface to PBTD. If excessive drag in encountered, pressure up tubing-casing annulus to 3,000 psi.

    f. Run production combination tool and make FBS calibrations. Get SI Gradio reading above top perforation, and check tool performance.

    g. With tool approximately 30 feet below tubing tail, open well and stabilize for at least 4 hours at a rate established in Step 23.a.

    h. After well has stabilized, make a minimum of 1) two passes with Temperature log (both down), 2) four passes with FBS (2 up, 2 down), 3) two passes with Gradiomanometer (both down) and 4) one pass with Manometer (down). Make repeat passes or <u>stationary readings</u> as necessary to insure valid measurements.

i. Place Manometer at 12,600' and place on "time drive", recording pressure continuously until next pass with other instruments (Step 23.j).

j. Cut well back to approximately to ½ of rate established in Step 23.a and make 1) two passes with FBS (1 up, 1 down) 2) one pass with Temperature log (down) 3) one pass with Gradiomanometer (down) and 4) one pass with Manometer (down). Make repeat passes or stationary readings as necessary to insure valid measurements.

k. Place Manometer at 12,600' and place on "time drive" recording pressure continuously until FBS is run in Step 23.l.

l. SI well. After 15 minutes, make down pass with FBS.

m. Make FBS calibrations and place Manometer at 12,600' while on "time drive". Keep on time drive until Step 23.n

n. After two hours with well SI, make 1) down pass with FBS, 2) a down pass with Gradiomanometer, 3) a down pass with Temperature log and 4) a down pass with Manometer.

o. If crossflow is indicated in Step 23.n, place Manometer at 12,600' on time drive and wait until the well has been shut-in 4 hours and repeat Step 23.n. If no crossflow is indicated in Step 23.n go on to Step 23.p.

p. Pull combination tool.

q. Shell engineer to be on location during all production logging operations. Activity will be suspended if well conditions are such that meaningful data cannot be obtained.

Note: Send copies of final print to:

| | |
|---|---|
| Shell Oil Company (3)<br>P. O. Box 831<br>Houston, Texas 77001<br>Attention S. T. Blackburn | Shell Oil Company<br>1700 Broadway<br>Denver, Colorado 80202<br>Attention L. W. Wooden |

23. Put well on production. Additional work, if any, required to further stimulate or evaluate production will be outlined by a second prognosis.

J. A. Stanzione

J. A. Stanzione

GEK
GEK:jsj
12/1/75

Form 9-331
(May 1963)

UNITED STATES
DEPARTMENT OF THE INTERIOR
GEOLOGICAL SURVEY

SUBMIT IN TRIPLICATE*
(Other instructions on reverse side)

Form approved.
Budget Bureau No. 42-R1424.

# 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.: Tribal 14-20-H62-1810

6. IF INDIAN, ALLOTTEE OR TRIBE NAME:

1. OIL WELL [X] GAS WELL [ ] OTHER

7. UNIT AGREEMENT NAME: CA 96-79

2. NAME OF OPERATOR: Shell Oil Company

8. FARM OR LEASE NAME: Ute

3. ADDRESS OF OPERATOR: 1700 Broadway, Denver, Colorado 80202

9. WELL NO.: 1-12B3

4. LOCATION OF WELL (Report location clearly and in accordance with any State requirements.* See also space 17 below.) At surface: 2296' FSL and 3185' FEL Section 12

10. FIELD AND POOL, OR WILDCAT: Altamont

11. SEC., T., R., M., OR BLK. AND SURVEY OR AREA: NE/4 SW/4 Section 12-T2S-R3W

14. PERMIT NO.:

15. ELEVATIONS (Show whether DF, RT, GR, etc.): 5953 KB

12. COUNTY OR PARISH: Duchesne

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 | [X] | 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.)*

See attachment

RECEIVED
FEB 24 1976

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

SIGNED J. W. Bennel TITLE Div. Opers. Engr. DATE 2/23/76

(This space for Federal or State office use)

APPROVED BY _____ TITLE _____ DATE _____

CONDITIONS OF APPROVAL, IF ANY:

cc: Utah Oil & Gas Conservation Commission w/attachment

*See Instructions on Reverse Side

UTAH
ALTAMONT
Shell-Amerada Hess-
Flying Diamond-Ute 1-12B3
(Reperf & Restim)

"FR" TD 13,008. PB 12,927. AFE #522357 provides funds to pull prod equip, mill out pkr, CO to PBTD, set 2 pkrs to isolate some perfs & reperf & restim. MI&RU Western. Installed tbg BPV & removed tree. Installed & tested BOP's. Unlatched from pkr, PU tbg 15' & circ hole w/300 bbls hot prod wtr. Pulled tbg & SI overnight. Installed 5-1/2 BPV. Removed BOP's & tbg spool. Reinstalled & tested BOP's. Pmp'd 150 bbls hot prod wtr to clean up heat string. Well on vac. Removed BPV. Pulled 5-1/2" donut & heat string & 72 jts & LD. Removed BOP's & 10 x 10 AP spool. Reinstalled BOP's. PU Bkr 7" pkr picker & RIH on 2-7/8 tbg. SI overnight. Fin'd RIH to top 7" pkr. Milled out pkr & POOH. SI overnight. PU washover shoe, dbl-finger basket & 40' WP & RIH on 2-7/8 tbg. Hit top of sd @ 12,218. Started circ'g in reverse & plugged up. Broke circ down tbg @ 4000 psi; tbg (or bit) replugged. Broke circ in reverse & pmp'd 100 bbls hot prod wtr to clear tbg. PU power swivel & CO ±30' sd. Pulled up 1 jt. SI overnight. Reversed circ hole w/150 bbls hot prod wtr. Milled & washed out sd to 12,900. Pulled up 1 jt & reverse circ 100 bbls hot prod wtr to clear tbg. SI overnight. CO to 12,945. Started having difficulty circ'g & making hole. Pulled up 10' & circ'd tbg clean in reverse. Spt'd 11 bbls wt'd, dbl-inh'd, gelled 10% acetic acid. POOH. LD workstring (80 jts), 5" scraper & WP. Rec'd 1 set wax cutting tools, considerable rubber & parts of pkr. Part of collar locator & rope socket off perf gun. MI&RU OWP. RIH w/5" Bkr FAB steel-body pkr & set in 5" liner w/top pkr @ 12,270. POOH. RIH w/7" Bkr F1 prod pkr & set w/top of pkr @ 10,419. 5" pkr had KO plug in btm of pkr. POOH & RD&MO OWP. SI overnight. PU latch-in seal assembly for 5" pkr, X-over to X-line P105 tbg, X-over to CS hydril P105 tbg, X-over to Bkr seal units for 7" pkr & RIH on 2-7/8 N80 tbg. Latched into pkr & marked for spacing out. Press'd csg to 4000 psi & held for 1 hr. Attempted to press tbg & could not. Appears Model "B" test plug lost from pkr. SD. Pulled tbg out of hole & found split collar in X-line tbg approx 10 jts above pkr. Replaced jt w/jt of hydril & RIH. Latched into pkr & press tested tbg to 7500 psi. Bled off 150 psi in 1 hr. Press'd csg to 4000 psi & held. SD for night. Unlatched from pkr. Pulled up 1 jt & circ'd backside w/inh'd wtr as per Oil Letter #1. Ran back & latched into pkr. Spaced out & landed tbg on donut w/5000# tension. Installed BPV in donut, removed BOP's & installed 10,000# tree. Cleaned up mud tanks (oil & sd). Released rig 7 p.m. MI&RU Sun. RIH w/sinker bars & jars on slickline & KO plug in btm of
(Cont'd)

pkr. POOH. RD&MO Sun. SI well overnight. MI&RU Sun to KO Model "B" plug from 5" Bkr pkr set @ 12,270. KO plug & chased to btm. POOH. RD&MO Sun. MI&RU OWP to perf unidirectionally w/a 2" steel, hollow-carrier, thru-tbg gun decentralized w/magnets using Harrison "RT" 6.2 gm charges gross interval 12,739-12,305 (128 holes). All depths refer to OWP GR/CBL dated 4/20/73. Run #1 - start TP 3950 psi; perf'd 12,739-12,646 (38 holes). POOH. End TP 3800 psi. Run #2 - start TP 3850 psi; perf'd 12,695-12,445 (38 holes). End TP 3750 psi. SD for night. RU OWP to fin perf'g. SITP 3200 psi. Run #3 - start TP 3200 psi; perf'd 12,438-12,342 (38 holes). End TP 3150 psi. POOH. Run #4 - start TP 3550 psi; perf'd 12,339-12,305 (14 holes). POOH. End TP 3500 psi. Perf'g complete. RD&MO OWP. SI well. MI&RU BJ & Nowsco N2 unit to AT & inject N2 (flush only) gross perf'd interval 12,311-12,859 w/582 bbls gelled 15% HCl acid as follows: All acid made up according to prog. Pmp'd 3 bbls acid & dropped one 7/8" RCN ball sealer (sp gr 1.2) & repeated procedure 191 times for a total of 576 bbls acid & 192 ball sealers. Pmp'd 6 bbls acid w/o Unibeads. Placed 3500 psi & held on tbg-csg annulus thruout job. The last 70 bbls acid & the 83 bbls of flush were inj'd w/N2 @ 350 cu ft/bbl for a total of 35,000 cu ft N2 @ approx 9000 psi. After the acid, the well was flushed w/83 bbls wtr & no diesel & SI. Max press 9300 psi, min 7100, avg 8600. Max rate 14.5 B/M, min 7.5, avg 11. ISIP 5500 psi & remained @ 5500 psi for entire 15-min SI period. SITP 6000 psi. Allowed well to be SI for 2 hrs following trtmt. Opened well to pit for 4.5 hrs. In that time well flwd approx 200 BW, 200 bbls acid wtr & some oil between 6000 psi & 450 psi & max of 36/64" chk. Well cleaned up of acid wtr & rehooked flowline to flow well to battery overnight. Rec'd 10 ball sealers in chk during flowback. Well flw'g on a 25/64" chk w/450 psi FTP. SI well. MI&RU OWP to run GR log to detect accumulation of RA sd used in trtmt. Log indicated a very good trtmt. POOH. RD&MO OWP. Put well back on prod. Turned well over to prod. In 13 hrs well flwd 136 BO, 81 BW, 81 MCF gas on 30/64" chk w/500 psi FTP.

FEB 06 1976

Shell-Amerada Hess-
Flying Diamond-Ute 1-12B3
(Reperf & Restim)

TD 13,008. PB 12,927. Flowing. On various tests, flwd:

| Rept Date | Hrs | BO | BW | MCF Gas | Chk | FTP |
|---|---|---|---|---|---|---|
| 2/7: | 24 | 137 | 51 | 229 | 40/64" | 250 |
| 2/8: | 24 | 148 | 70 | 194 | 30/64" | 200 |
| 2/9: | SI | | | | | |

FEB 09 1976

Shell-Amerada Hess-
Flying Diamond-Ute 1-12B3
(Reperf & Restim)

TD 13,008. PB 12,927. Flowing. On 24-hr test, flwd 144 BO, 50 BW, 220 MCF gas thru 40/64" chk w/150 psi FTP.

FEB 10 1976

Shell-Amerada Hess-
Flying Diamond-Ute 1-12B3
(Reperf & Restim)

TD 13,008. PB 12,927. Flowing. On 6-hr test, flwd 43 BO, 57 BW, 59 MCF gas thru 40/64" chk w/150 psi FTP.

FEB 11 1976

Shell-Amerada Hess-
Flying Diamond-Ute 1-12B3
(Reperf & Restim)

TD 13,008. PB 12,927. SI.

FEB 12 1976

Shell-Amerada Hess-
Flying Diamond-Ute 1-12B3
(Reperf & Restim)

TD 13,008. PB 12,927. Flowing. On 8-hr test, flwd 62 BO, 35 BW, 92 MCF gas thru 30/64" chk w/150 psi FTP.

FEB 13 1976

Shell-Amerada Hess-
Flying Diamond-Ute 1-12B3
(Reperf & Restim)

TD 13,008. PB 12,927. Flowing. On various tests, flwd:

| Rept Date | Hrs | BO | BW | MCF Gas | Chk | FTP |
|---|---|---|---|---|---|---|
| 2/14: | 24 | 122 | 110 | 208 | 40/64" | 150 |
| 2/15: | 15 | 79 | 35 | 104 | 40/64" | 150 |
| 2/16: | 24 | 73 | 36 | 179 | 30/64" | 150 |
| 2/17: | 24 | 109 | 61 | 117 | 30/64" | 150 |

FEB 17 1976

Shell-Amerada Hess-
Flying Diamond-Ute 1-12B3
(Reperf & Restim)

TD 13,008. PB 12,927. Flowing. On 5-hr test, flwd 16 BO, 10 BW, 20 MCF gas thru 30/64" chk w/150 psi FTP.

FEB 18 1976

Shell-Amerada Hess-
Flying Diamond-Ute 1-12B3
(Reperf & Restim)

TD 13,008. PB 12,927. Flowing. On 24-hr test, flwd 134 BO, 76 BW, 134 MCF gas thru 40/64" chk w/50 psi FTP.

FEB 19 1976

Shell-Amerada Hess-
Flying Diamond-Ute 1-12B3
(Reperf & Restim)

TD 13,008. PB 12,927. Flowing. On 24-hr test 1/15/76 prior to work prod 60 BO, 0 BW, 58 MCF gas thru 1" chk w/100 psi FTP. On 24-hr test dated 2/20 after work prod 108 BO, 45 BW, 74 MCF gas thru 40/64" chk w/50 psi FTP.
FINAL REPORT

FEB 20 1976

Form 9-331
(May 1963)

UNITED STATES
DEPARTMENT OF THE INTERIOR
GEOLOGICAL SURVEY

SUBMIT IN TRIPLICATE*
(Other instructions on reverse side)

Form approved.
Budget Bureau No. 42-R1424.

5. LEASE DESIGNATION AND SERIAL NO.
Tribal 14-20-H62-1810

6. IF INDIAN, ALLOTTEE OR TRIBE NAME

# SUNDRY NOTICES AND REPORTS ON WELLS

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

1. OIL WELL [X] GAS WELL [ ] OTHER

7. UNIT AGREEMENT NAME
CA 96-79

2. NAME OF OPERATOR
Shell Oil Company

8. FARM OR LEASE NAME
Ute

3. ADDRESS OF OPERATOR
1700 Broadway, Denver, Colorado 80202

9. WELL NO.
1-12B3

4. LOCATION OF WELL (Report location clearly and in accordance with any State requirements. See also space 17 below.)
At surface
2296' FSL & 3185' FEL Section 12

10. FIELD AND POOL, OR WILDCAT
Altamont

11. SEC., T., R., M., OR BLK. AND SURVEY OR AREA
NE/4 SW/4 Section 12-T2S-R3W

RECEIVED AUG 11 1976 DIVISION OF OIL, GAS, & MINING

14. PERMIT NO.

15. ELEVATIONS (Show whether DF, RT, GR, etc.)
5953 KB

12. COUNTY OR PARISH
Duchesne

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) ~~Install gas lift equip~~ | | | [X] |
| (Other) Install gas lift equip | | | [X] | (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.) *

See attachment

APPROVED BY THE DIVISION OF
OIL, GAS, AND MINING
DATE: August 16, 1976
BY: Patrick L. Driscoll

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

SIGNED J. W. Brummel TITLE Div. Opers. Engr. DATE 8/5/76

(This space for Federal or State office use)

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

cc: Utah Oil & Gas Conservation Commission w/attachment

*See Instructions on Reverse Side

INSTALL GAS LIFT EQUIP

SHELL-AMERADA HESS-FLYING DIAMOND

FROM: 7/16/76 - 8/2/76

LEASE UTE
DIVISION WESTERN
COUNTY DUCHESNE

ALTAMONT
WELL NO. 1-12B3
ELEV 5953 KB
STATE UTAH

UTAH
ALTAMONT

| | |
|---|---|
| Shell-Amerada Hess-Flying Diamond-Ute 1-12B3 (Install gas lift equip) | "FR" TD 13,008. PB 12,945. AFE #522494 provides funds to equip well for gas lift. SIP 2000 psi; bled off in 30 mins. Cut wax to 9000'. Backed well down w/40 bbls diesel. Well press'd up to 3000 psi & bled off in 15 mins. Could not cut thru plug @ 4200'. SI well for night to bld BHP to flw plug out. JUL 16 1976 |
| Shell-Amerada Hess-Flying Diamond-Ute 1-12B3 (Install gas lift equip) | TD 13,008. PB 12,945. SIP 0. Wax cutter was unable to cut thru plug @ 5200'. Ran CT & pmp'd hot diesel; got thru plug ok & went down to 7000'. Pulled CT. Pmp'd 10 bbls diesel & well press'd up to 4000 psi. Ran to 10,310' w/WL; no plug. JUL 19 1976 |
| Shell-Amerada Hess-Flying Diamond-Ute 1-12B3 (Install gas lift equip) | TD 13,008. PB 12,945. No report. JUL 20 1976 |
| Shell-Amerada Hess-Flying Diamond-Ute 1-12B3 (Install gas lift equip) | TD 13,008. PB 12,945. (Report discontinued until further activity) JUL 21 1976 |
| Shell-Amerada Hess-Flying Diamond-Ute 1-12B3 (Install gas lift equip) | TD 13,008. PB 12,945. SIP 500 psi; bled to 0 in 10 mins. Cut wax to 10,300. Ran back in w/2" blind box. Backed well down w/10 bbls diesel. Set collar stop & pulled all dummy valves. SD for night. JUL 22 1976 |
| Shell-Amerada Hess-Flying Diamond-Ute 1-12B3 (Install gas lift equip) | TD 13,008. PB 12,292. Prep to install gas lift. 0 SI PSI this A.M. Impression block hit rope socket. Ran overshot and pulled wax cutting tools. Frac balls at 12,292'. JUL 25 1976 |
| Shell-Amerada Hess-Flying Diamond-Ute 1-12B3 (Install gas lift equip) | TD 13,008. PB 12,292. Gas Lifting. JUL 26 1976 |
| Shell-Amerada Hess-Flying Diamond-Ute-12B3 (Install gas lift equip) | TD 13,008. PB 12,292. On 24 hr test 75 BO, 68 BW, 415 MCF Gas w/50 press. JUL 27 1976 |

| | | |
|---|---|---|
| Shell-Amerada Hess-<br>Flying Diamond-Ute-12B3<br>(Install gas lift equip) | TD 13,008. PB 12,292.<br>882 MCF Gas w/75 press. | On 24 hr test 0 BO, 23 BW,<br>JUL 29 1976 |
| Shell-Amerada Hess-<br>Flying Diamond-Ute-12B3<br>(Install gas lift equip) | TD 13,008. PB 12,292.<br>691 MCF gas w/100 FTP. | On 24 hr test 0 BO, 0 BW,<br>JUL 29 1976 |
| Shell-Amerada Hess-<br>Flying Diamond-Ute 1-12B3<br>(Install gas lift equip) | TD 13,008. PB 12,292.<br>850 MCF Gas w/100 FTP. | On 24 hr test flwd 0 BO, 0 BW,<br>JUL 30 1976 |
| Shell-Amerada Hess-<br>Flying Diamond-Ute 1-12B3<br>(Install gas lift equip) | TD 13,008. PB 12,292.<br>prod 4 BO, 0 BW, 14 MCF gas.<br>FINAL REPORT | On 24-hr test 6/29/76 before work,<br>After work, well SI.<br>AUG 02 1976 |

Form 9-331
(May 1963)

UNITED STATES
DEPARTMENT OF THE INTERIOR
GEOLOGICAL SURVEY

SUBMIT IN TRIPLICATE*
(Other instructions on reverse side)

Form approved.
Budget Bureau No. 42-R1424.

# 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.: Tribal 14-20-H62-1810

6. IF INDIAN, ALLOTTEE OR TRIBE NAME:

1. OIL WELL [X] GAS WELL [ ] OTHER

7. UNIT AGREEMENT NAME: CA 96-79

2. NAME OF OPERATOR: Shell Oil Company

8. FARM OR LEASE NAME: Ute

3. ADDRESS OF OPERATOR: 1700 Broadway, Denver, Colorado 80202

9. WELL NO.: 1-12B3

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

2296' FSL & 3185' FEL Section 12

10. FIELD AND POOL, OR WILDCAT: Altamont

11. SEC., T., R., M., OR BLK. AND SURVEY OR AREA: NE/4 SW/4 Section 12-T2S-R3W

14. PERMIT NO.:

15. ELEVATIONS (Show whether DF, RT, GR, etc.): 5953 KB

12. COUNTY OR PARISH: Duchesne

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 | [X] | ABANDON* | [ ] | SHOOTING OR ACIDIZING | [X] | 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.)*

APPROVED BY THE DIVISION OF
OIL, GAS, AND MINING
DATE: Sept. 30, 1976
BY: P. L. Driscoll

See attachment

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

SIGNED J. W. Kimmel TITLE Div. Opers. Engr. DATE 9/24/76

(This space for Federal or State office use)

APPROVED BY _____ TITLE _____ DATE _____

CONDITIONS OF APPROVAL, IF ANY:

cc: Utah O&GCC w/attachment

*See Instructions on Reverse Side

PERFORATE

| | | | | |
|---|---|---|---|---|
| SHELL-AMERADA HESS-FLYING DIAMOND | LEASE | UTE | WELL NO. | ALTAMONT 1-12B3 |
| | DIVISION | WESTERN | ELEV | 5953 KB |
| FROM: 9/14 - 9/21/76 | COUNTY | DUCHESNE | STATE | UTAH |

UTAH
ALTAMONT

Shell-Amerada Hess-Flying Diamond-Ute 1-12B3 (Perf)

"FR" TD 13,008. PB 12,945. Lse exp provides funds to perf betwn pkrs. MI&RU OWP & attempted to perf w/bi-wire gun; hit obstruction in csg @ 12,300. Attempted to perf tbg & gun would not fire. RIH w/another gun & stuck in mandrel @ 7001. Worked gun loose & POOH; lost 2 jets in hole. RIH w/1-9/16" hollow-carrier gun & perf'd 4 holes @ 12,262, 12,261, 12,260 & 12,259. Attempted to tag PB & could not get past 12,300. RD&MO OWP. Turned well to prod.

SEP 14 1976

Shell-Amerada Hess-Flying Diamond-Ute 1-12B3 (Perf)

TD 13,008. PB 12,945. On 18-hr test, prod 222 BO, 112 BW, 118 MCF gas w/100 psi.

SEP 15 1976

Shell-Amerada Hess-Flying Diamond-Ute 1-12B3 (Perf)

TD 13,008. PB 12,945. On 8-hr test, prod 114 BO, 0 BW, 64 MCF gas w/100 psi.

SEP 16 1976

Shell-Amerada Hess-Flying Diamond-Ute 1-12B3 (Perf)

TD 13,008. PB 12,945. On 17-hr test, prod 248 BO, 0 BW, 145 MCF gas w/50 psi.

SEP 17 1976

Shell-Amerada Hess-Flying Diamond-Ute 1-12B3 (Perf)

TD 13,008. PB 12,945. On various tests, prod:

| Rept Date | Hrs | BO | BW | MCF Gas | Press |
|---|---|---|---|---|---|
| 9/18: | 24 | 216 | 0 | 140 | 100 |
| 9/19: | 24 | 0 | 105 | 175 | 100 |
| 9/20: | 24 | 0 | 0 | 39 | 50 |

SEP 20 1976

Shell-Amerada Hess-Flying Diamond-Ute 1-12B3 (Perf)

TD 13,008. PB 12,945. On 24-hr test 9/10/76 before work, prod 0 BO, 0 BW, 865 MCF gas w/50 psi. On 24-hr test dated 9/21/76 after work, prod 71 BO, 0 BW, 17 MCF gas w/100 psi. FINAL REPORT

SEP 21 1976

Form 9-331
(May 1963)

UNITED STATES
DEPARTMENT OF THE INTERIOR
GEOLOGICAL SURVEY

SUBMIT IN TRIPLICATE*
(Other instructions on reverse side)

Form approved.
Budget Bureau No. 42-R1424.

# 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.: Tribal 14-20-H62-1810

6. IF INDIAN, ALLOTTEE OR TRIBE NAME:

1. OIL WELL [X] GAS WELL [ ] OTHER

7. UNIT AGREEMENT NAME: CA 96-79

2. NAME OF OPERATOR: Shell Oil Company

8. FARM OR LEASE NAME: Ute

3. ADDRESS OF OPERATOR: 1700 Broadway, Denver, Colorado 80290

9. WELL NO.: 1-12B3

4. LOCATION OF WELL (Report location clearly and in accordance with any State requirements.* See also space 17 below.) At surface: 2296' FSL & 3185' FEL Section 12

10. FIELD AND POOL, OR WILDCAT: Altamont

11. SEC., T., R., M., OR BLK. AND SURVEY OR AREA: NE/4 SW/4 Section 12-T2S-R3W

14. PERMIT NO.:

15. ELEVATIONS (Show whether DF, RT, GR, etc.): 5953 KB

12. COUNTY OR PARISH: Duchesne

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 | X | 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.) *

See attachment

RECEIVED
NOV 29 1977
DIVISION OF OIL, GAS, & MINING

APPROVED BY THE DIVISION OF OIL, GAS, AND MINING
DATE: 11/29/77
BY: Cleon B. Feight

CIRCULATE TO:
DIRECTOR
PETROLEUM ENGINEER
MINE COORDINATOR
ADMINISTRATIVE ASSISTANT
ALL
RETURN TO
FOR FILING

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

SIGNED: L. P. Sanders TITLE: Div. Opers. Engr. DATE: 11/28/77

(This space for Federal or State office use)

APPROVED BY: TITLE: DATE:

CONDITIONS OF APPROVAL, IF ANY:

cc: Utah O&GCC w/attachment

*See Instructions on Reverse Side

REMEDIAL PROGNOSIS
UTE 1-12B3
SECTION 12, T2S, R3W
DUCHESNE COUNTY, UTAH
BLUEBELL FIELD

Pertinent Data:

Shell W. I.: 71.29%
AFE No:_____

KB elevation: 5953'
KB - GL: 29'
TD: 13,008' PBTD: 12,985' (5" Model "FA-B" pkr @ 12,270')
7" - 26# & 29#, S-95 @ 10,687'
9 5/8" - 40#, K-55 @ 5975'
5" - 18#, N-80 & S-95 @ 13,006'; 5" liner top @ 10,460'
Packer: Baker 7" Model "F1" pkr @ 10,419'
2 7/8", N-80, 6.5#, EUE tubing w/mandrels & valves
Existing Perforations:

5/73 - 39 perfs, 10,697' - 12,859' ( 1 hole per zone)
5/74 - Reperf 37 holes 10, 922' - 12,859'
2/76 - 128 perfs, 12,303' - 12,737' (M43, M52-53 Package Test)

Previous Stimulation;

5/73 - A. T. 39 perfs 10,697' - 12,859' w/30,030 gals 15% HCl and 38 ball sealers. Maximum 8350 psi, minimum 5 BPM.

5/74 - A. T. 76 perfs 10,697' - 12,859' w/20,000 gals 15% HCl and 153 ball sealers. Maximum 9100 psi, minimum 10 BPM.

5/74 - Fracture treat 76 perfs 10,697' - 12,859' w/My-T-Frac and 20-40 mesh sand. Screened out w/9170 gals My-T-Frac and 42,500 # sand pumped and pressure 10,000 psi; bled to 2350 psi in 5 hours.

2/76 - A. T. perfs (128 new, 20 old) 12,303' - 12,859' w/24,400 gals 15% HCl & 192 ball sealers. Maximum 9300 psi, minimum 7.5 BPM, 2 hour SITP 6000 psi. This package test (M43, M52-53) flowed a total of ±3000 BO.

Current Status:

Well is alternately flowing and gas lifting. Average production in September was 86 BOPD and 0 BWPD while injecting gas only 6 days and producing the well only 11 days. Gas lift gas is provided by an Ajax compressor which also serves the 1-11B3 and the 1-14B3.

Cumulative production as of 9/30/77 is 55,729 BO and 14,039 BW with 1516 cumulative GOR. Current estimated BHP is 4000 psi @ 12,000'.

UTE 1-12B3: REMEDIAL PROGNOSIS

Proposed Operation

1. MI&RU workover rig.

2. Kill well with produced water. Remove tree, install and test BOPE as per field specs.

3. Release tubing and seal assembly from 7" F-1 packer at 10,419' and POOH.

4. RIH w/7" Fullbore packer and DR latching type plug for 7" F-1 packer @ 10,419'.

5. Set DR plug in F-1 packer @ 10,419'. Test 7" csg to 3000 psi. If pressure bleeds off, set Fullbore to test DR plug in packer. If no leak in 7"csg is found, retrieve DR plug, POOH, and proceed with Step 6. If a leak in 7" is found, notify Altamont Engineering Group before proceeding.

6. Mill and pluck 7" F-1 packer at 10,419'.

7. Mill over 5" FA packer at 12,270' and push to at least 12,600' and to ±12,900' if possible. Circulate hole clean and POOH.

8. RU perforators w/lubricator (tested to 5000 psi) and perforate as follows:

   a) Perforate using a 3 1/8" O.D. hollow steel carrier loaded with Hyperjet 13.5 gram charges at 90° phasing.

   b) Record and report wellhead pressure before and after perforating.

   c) Perforate (from bottom up) 4 shots per foot in each of the following intervals (depth reference is OWP GR - CBL dated 4-20-73);

| | | |
|---|---|---|
| 12,414-426(48) | 12,106-107(4) | 11 ,875-876(4) |
| 12,394-398(16) | 12,078-082(16) | 11,868-869(4) |
| 12,382-385(12) | 12,055-056(4) | 11,828-830(8) |
| 12,340-342(8) | 12,027-028(4) | 11,814-816(8) |
| 12,305-308(12) | 12,015-016(4) | 11,804-806(8) |
| 12,292-293(4) | 12,007-008(4) | 11,770-772(8) |
| 12,285-286(4) | 12,001-002(4) | 11,759-761(8) |
| 12,273-274(4) | 11,984-985(4) | 11,736-737(4) |
| 12,250-251(4) | 11,974-975(4) | 11,721-723(8) |
| 12,238-239(4) | 11,959-960(4) | 11,701-703(8) |
| 12,224-225(4) | 11,955-956(4) | 11,681-683(8) |
| 12,173-181(32) | 11,938-939(4) | 11,668-670(8) |
| 12,165-166(4) | 11,926-927(4) | 11,645-647(8) |
| 12,150-151(4) | 11,921-922(4) | 11,629-631(8) |
| 12,143-146(12) | 11,913-914(4) | 11,621-623(8) |
| 12,132-136(16) | 11,906-907(4) | |

Total new perfs 11,621'-12,426': 372

UTE L-12B3: REMEDIAL PROGNOSIS

| | |
|---|---|
| 11,451-452(4) | 11,213-214(4) |
| 11,433-434(4) | 11,196-197(4) |
| 11,423-424(4) | 11,190-191(4) |
| 11,417-418(4) | 11,184-185(4) |
| 11,401-402(4) | 11,171-172(4) |
| 11,394-395(4) | 11,152-153(4) |
| 11,383-384(4) | 11,122-123(4) |
| 11,376-377(4) | 11,098-099(4) |
| 11,372-373(4) | 11,085-086(4) |
| 11,362-363(4) | 11,071-073(8) |
| 11,327-329(8) | 11,057-058(8) |
| 11,306-308(8) | 11,026-027(4) |
| 11,273-274(4) | 10,926-929(12) |
| 11,254-256(8) | 10,901-902(4) |
| 11,240-242(8) | 10,885-886(4) |
| 11,225-226(4) | 10,877-878(4) |
| 11,218-219(4) | 10,868-869(4) |

Total new perfs 10,868' - 11,452': 164

Total new perfs in well: 536

Total perfs in well after this job: 740

9. a) If well can be controlled with water after perforating, continue with Step 11.

   b) If well cannot be controlled with water after perforating, lubricate in a 5" "FA" pkr (w/flapper) and set @ 10,650'. Run tbg, latch into pkr, and put well on production. Release rig. When pressure can be controlled with water, proceed to Step 10.

10. MI&RU. Kill well, remove tree, install&test BOPE as per field specs. Pull tbg and seal assembly. Mill over FA pkr @ 10,650' and push to bottom. POOH.

11. PU and run Baker 5" RBP,5" Fullbore pkr. Set RBP @ 10,580', Fullbore @ ±10,530' and test to 3000 psi. Release Fullbore and test 5" X 7" liner lap to 3000 psi. If leak is found, notify Altamont Engineering Group before proceeding.

12. Release RBP and continue RIH. Set RBP @ 12,520' and test to 6500 psi. Dump one sack sand on RBP. Set Fullbore @ 11,500'. Install 10,000 psi tree.

13. A. T. perfs 11,599'-12,463' (372 new, 99 old) w/15,500 gallons 15% HCL as follows:

    a) Pump 3500 gals 15% HCL dropping one 7/8" RCN ball sealer every 200 gals.

UTE 1-12B3: REMEDIAL PROGNOSIS

17. A. T. perfs 10,868'-11,452' (164 new, 18 old) w/11,500 gallons 15% HCl as follows:

    a) Pump 3500 gals 15% HCl, dropping one 7/8" RCN ball sealer every 200 gals.

    b) Pump 500 gals 15% HCl containing 50 7/8" RCN ball sealers, 250# OS-160 Button Unibeads and 250# OS-160 Wide Range.

    c) Repeat Step (a) 2 more times and Step (b) one more time for a total of 3 stages of acid and 2 of block. (Total 11,500 gals 15% HCl and 151 ball sealers.)

    d) Flush with 100 bbls clean produced water.

    e) If necessary, pump ± 40 bbls diesel after 20 minutes shut-in.

    Note:
    1) All acid and flush to contain sufficient friction reducing agent for ±50% friction reduction.

    2) All acid to contain sufficient inhibitor for 4 hours exposure at 210°F and the necessary surfactant (tested for complatibility with formation fluids).

    3) Do <u>not</u> pump fluids into annulus.

    4) Inject acid and flush at maximum rate while not exceeding 70 00 psi surface treating pressure.

    5) Increase amount of Unibeads as necessary.

    6) Record ISIP and shut-in pressure decline for at least 20 minutes.

18. a) If well flows, release rig and put on production. Proceed with Step 19 when well can be controlled with produced water.

    b) If well does not flow, continue with Step 19.

19. Kill well with produced water. Remove tree, install and test BOPE as per field specs.

20. Release Fullbore, retrieve RBP and POOH.

21. CO to at least 12,550', and to ±12,900' if possible.

22. Run production string with 7" retrievable packer and gas lift mandrels w/valves (gas lift design will follow, based on potential of the well).

b) Pump 500 gals 15% HCl containing 50 7/8" RCN ball sealers, 250 # OS-160 Button Unibeads and 250# OS-160 Wide Range.

c) Repeat Step (a) 3 more times and Step (B) two more times for a total of 4 stages of acid and 3 of block. (Total 15,500 gals acid and 218 ball sealers.)

d) Flush with 100 bbls clean produced water.

e) If necessary, pump ± 40 bbls diesel after 20 minutes shut-in.

Note:

1) All acid and flush to contain sufficient friction reducing agent for ± 50% friction reduction.

2) All acid to contain sufficient inhibitor for 4 hours exposure at 210°F and the necessary surfactant (tested for compatibility with formation fluids).

3) Do <u>not</u> pump fluids into annulus.

4) Inject acid and flush at maximum rate while not exceeding 7000 psi surface treating pressure.

5) Increase amount of Unibeads as necessary.

6) Record ISIP and shut-in pressure decline for at least 20 minutes.

14. a) If well flows, release rig and put on production. Proceed with Step 15 when well can be controlled with water.

b) If well does not flow, continue with Step 15.

15. Kill well with produced water. Remove tree and install and test BOPE as per field specs. Retrieve BP, move up and set RBP @ 11,580'. Test RBP to 6500 psi. Dump one sack sand on RBP.

16. With Fullbore at 11,500', <u>spot</u> 600 gals gelled 15% HCl near packer, then pull up and set packer at 10,750' (below top perf @ 10,697'). Let acid soak for at least 4 hours. Install 10,000 psi tree.

Note: Acid used in this step should be gelled* to reduce mixing with wellbore fluids, and contain sufficient inhibitor for 12 hours at 210°F. Do <u>not</u> weight acid.

*Use 25 lbs G-26 per 1000 gallons acid, or some equivalent gelling agent.

UTE 1-12B3: REMEDIAL PROGNOSIS

Set packer at ±10,400' (5" liner top @ 10,460'). **

23. Put well on gas lift production. If well's performance has changed significantly, plan to run a production log. Coordinate with Altamont Engineering Group.

MRS:AC

J. A. Stanzione

10/19/77

**If a leak was established to be present in the 5" liner lap, consider setting a 5" 'FA' packer at ±10,500', then running production equipment as above and latching into the 'FA' packer to seal off the lap.

Form 9-331
(May 1963)

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

SUBMIT IN TRIPLICATE*
(Other instructions on reverse side)

Form approved.
Budget Bureau No. 42-R1424.

5. LEASE DESIGNATION AND SERIAL NO.
Tribal 14-20-H62-1810

6. IF INDIAN, ALLOTTEE OR TRIBE NAME

## SUNDRY NOTICES AND REPORTS ON WELLS

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

RECEIVED
JUL 19 1978
DIVISION OF OIL, GAS, & MINING

1. OIL WELL [X] GAS WELL [ ] OTHER

7. UNIT AGREEMENT NAME
CA 96-79

2. NAME OF OPERATOR
Shell Oil Company

8. FARM OR LEASE NAME
Ute

3. ADDRESS OF OPERATOR
1700 Broadway, Denver, Colorado 80290

9. WELL NO.
1-12B3

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

2296' FSL & 3185' FEL Section 12

10. FIELD AND POOL, OR WILDCAT
Altamont

11. SEC., T., R., M., OR BLK. AND SURVEY OR AREA
NE/4 SW/4 Section 12-T2S-R3W

14. PERMIT NO.

15. ELEVATIONS (Show whether DF, RT, GR, etc.)
5953 KB

12. COUNTY OR PARISH
Duchesne

13. STATE
Utah

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

NOTICE OF INTENTION TO:

| | | | |
|---|---|---|---|
| TEST WATER SHUT-OFF | [ ] | PULL OR ALTER CASING | [ ] |
| FRACTURE TREAT | [ ] | MULTIPLE COMPLETE | [ ] |
| SHOOT OR ACIDIZE | [ ] | ABANDON* | [ ] |
| REPAIR WELL | [ ] | CHANGE PLANS | [ ] |
| (Other) | | | |

SUBSEQUENT REPORT OF:

| | | | |
|---|---|---|---|
| WATER SHUT-OFF | [ ] | REPAIRING WELL | [ ] |
| FRACTURE TREATMENT | [ ] | ALTERING CASING | [ ] |
| SHOOTING OR ACIDIZING | [X] | ABANDONMENT* | [ ] |
| (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.)*

See attachment

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

SIGNED L. Plunkett TITLE Div. Opers. Engr. DATE JUL 14 1978

(This space for Federal or State office use)

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

cc: Utah O&GCC w/attachment for info

*See Instructions on Reverse Side

CO, PERF & STIM

| | | | | | |
|---|---|---|---|---|---|
| SHELL-AMERADA HESS-FLYING DIAMOND | LEASE | UTE | WELL NO. | 1-12B3 | ALTAMONT |
| | DIVISION | WESTERN | ELEV | 5953 KB | |
| FROM: 1/19 - 6/30/78 | COUNTY | DUCHESNE | STATE | UTAH | |

UTAH
ALTAMONT

Shell-Amerada Hess-Flying Diamond-Ute 1-12B3 (CO, Perf & Stim)

"FR" TD 13,008. PB 12,945. AFE #571757 provides funds to pull prod equip, press test 7" csg, CO (2 pkrs), perf & stim. MI&RU WOW #17 & bled off annulus press. Pmp'd 100 bbls prod wtr down annulus & 50 bbls down tbg; both sides on vac. Installed BPV, removed tree & installed & tested BOP's. Removed BPV & SI well overnight. 1/17 POOH w/prod equip & LD 7 gas mndrls. Ran 7" Bkr ret full bore pkr. Filled backside w/hot prod wtr & circ'd. Set pkr @ 10,415 & tested backside 7" csg to 2600# 10 mins, ok. POOH & PU 7" pkr picker. 1/18 Ran pkr picker & milled over 7" Fl pkr @ 10,419 (3 hrs). POOH; rec'd pkr ok. PU 5" Bkr pkr picker & ran 100 stds tbg back in hole.

JAN 1 9 1978

Shell-Amerada Hess-Flying Diamond-Ute 1-12B3 (CO, Perf & Stim)

JAN 2 0 1978

TD 13,008. PB 12,945. Milled out pkr @ 12,270 (3 hrs). Made connection & attempted to mill scale w/pkr picker. Made 10' in 2 hrs (would not mill out scale). POOH; rec'd 5" FA pkr ok. PU 4-1/8 mill & ran 25 stds tbg in hole.

Shell-Amerada Hess-Flying Diamond-Ute 1-12B3 (CO, Perf & Stim)

TD 13,008. PB 12,945. 1/20 RIH w/mill & tag'd hard scale @ 12,280; milled to 12,376. Rec'd strip shot debris & pkr rubbers from milled out pkrs. Ran mill free from 12,376 to 12,945 & rev circ'd hole clean. Spt'd 50 bbls 15% HCl dbl-inh'd, wt'd, gelled, acid down tbg & up annulus to top of liner. Let set 15 mins, then rev circ'd acid to pit. POOH to 7000'; well try'g to flw out csg. 1/21 RU OWP & perf'd as per prog 5 runs w/3-1/8 hollow steel csg gun w/13.5 hyperjet chrgs w/90 deg phasing. Perf'd 12,414 to 10,926 as per prog. Had 100 psi CP @ start of perf'g & 1700 psi CP after perf'g 282 holes in 1st 5 runs.

JAN 2 3 1978

Shell-Amerada Hess-Flying Diamond-Ute 1-12B3 (CO, Perf & Stim)

TD 13,008. PB 12,945. (Corr to rept of 1/23/78: S/B after perf'g 276 holes instead of 282.) Bled 7" CP to 600#. Perf'd last 3 runs as per prog: 11,629-10,868 (126 holes). Perf'd a total of 402 holes in 8 runs. Well was shot 3 holes/ft as depths on prog. 7" CP 2200# after last run. Ran Bkr 5" FA pkr w/KO plug in place & set @ 10,650. Bled down 7" csg. Rec'd yellow oil & gas. Ran 140 stds tbg w/prod equip. SD for night.

JAN 2 4 1978

Shell-Amerada Hess-
Flying Diamond-Ute 1-12B3
(CO, Perf & Stim)

TD 13,008. PB 12,945. Ran prod tbg & spaced mndrls @ 10,420 (chk valve), 9906, 9423, 8972, 8490, 7848, 6794, 5200 & 2875. Circ'd 400 bbls prod wtr (160 deg) down tbg & out csg to remove paraffin. Stung into pkr w/5000# tension. Pulled out w/10,000# tension. Set seal assy in 18,000# compression. Landed tbg on donut. Removed BOP & installed 5000# xmas tree. RU slickline & ran 2" blind box; hit paraffin @ 1500'. POOH & blew well down. Rerig slickline & ran 2" blind box to 10,750 to be sure KO plug completely out of pkr. Installed flwline & turned on heat tr line. Released rig 7 p.m. & turned well over to prod.

JAN 2 5 1978

Shell-Amerada Hess-
Flying Diamond-Ute 1-12B3
(CO, Perf & Stim)

TD 13,008. PB 12,945. Gauge not available.

JAN 2 6 1978

Shell-Amerada Hess-
Flying Diamond-Ute 1-12B3
(CO, Perf & Stim)

TD 13,008. PB 12,945. On 24-hr test 1/25, prod 70 BO, 124 BW, 379 MCF gas w/800 psi.

JAN 2 7 1978

Shell-Amerada Hess-
Flying Diamond-Ute 1-12B3
(CO, Perf & Stim)

TD 13,008. PB 12,945. On 24-hr test, prod 52 BO, 102 BW, 379 MCF gas w/2200 psi.

JAN 3 0 1978

Shell-Amerada Hess-
Flying Diamond-Ute 1-12B3
(CO, Perf & Stim)

TD 13,008. PB 12,945. On various tests, prod:

| Rept Date | Hrs | BO | BW | MCF Gas | Press |
|---|---|---|---|---|---|
| 1/27 | 24 | 77 | 103 | 227 | 800 |
| 1/28 | 24 | 108 | 108 | 200 | 500 |
| 1/29 | 24 | 29 | 79 | 459 | 700 |

JAN 3 1 1978

Shell-Amerada Hess-
Flying Diamond-Ute 1-12B3
(CO, Perf & Stim)

TD 13,008. PB 12,945. On 24-hr test, prod 117 BO, 64 BW, 437 MCF gas w/700 psi.

FEB 0 1 1978

Shell-Amerada Hess-
Flying Diamond-Ute 1-12B3
(CO, Perf & Stim)

TD 13,008. PB 12,945. On 24-hr test, prod 80 BO, 60 BW, 421 MCF gas w/1000 psi.

FEB 0 2 1978

Shell-Amerada Hess-
Flying Diamond-Ute 1-12B3
(CO, Perf & Stim)

TD 13,008. PB 12,945. Gauge not available.

FEB 0 3 1978

Shell-Amerada Hess-
Flying Diamond-Ute 1-12B3
(CO, Perf & Stim)

TD 13,008. PB 12,945. On 24-hr test, prod 100 BO, 91 BW, 392 MCF gas w/800 psi.

FEB 0 6 1978

Shell-Amerada Hess-
Flying Diamond-Ute 1-12B3
(CO, Perf & Stim)

TD 13,008. PB 12,945. On various tests, prod:

| Rept Date | Hrs | BO | BW | MCF Gas | Press |
|---|---|---|---|---|---|
| 2/2 | 22 | 94 | 67 | 488 | 2500 |
| 2/3 | 24 | 77 | 50 | 488 | 700 |
| 2/4 | 24 | 103 | 76 | 379 | 550 |
| 2/5 | 24 | 123 | 67 | 488 | 500 |

FEB 0 7 1978

Shell-Amerada Hess-
Flying Diamond-Ute 1-12B3
(CO, Perf & Stim)

TD 13,008. PB 12,945. On 24-hr test, prod 77 BO, 57 BW, 488 MCF gas w/550 psi.
FEB 0 8 1978

Shell-Amerada Hess-
Flying Diamond-Ute 1-12B3
(CO, Perf & Stim)

TD 13,008. PB 12,945. On 24-hr test, prod 82 BO, 42 BW, 471 MCF gas w/700 psi.
FEB 0 9 1978

Shell-Amerada Hess-
Flying Diamond-Ute 1-12B3
(CO, Perf & Stim)

TD 13,008. PB 12,945. AFE #571757 provides funds for an inflw survey. MI&RU Geotex. Well is prod'g @ 140 B/D total fluid rate w/550 psi on 21/64 chk. RIH w/tools & set down @ 11,087; spudded thru the restriction. Cont'd in hole & set down @ 11,258; tried to spud thru & got very sticky. Pulled up & temporarily stuck. POOH & RD&MO Geotex. Inflw survey aborted until obstruction can be removed.
FEB 1 0 1978

Shell-Amerada Hess-
Flying Diamond-Ute 1-12B3
(CO, Perf & Stim)

TD 13,008. PB 12,945. On 24-hr test, prod 88 BO, 41 BW, 200 MCF gas w/650 psi.
FEB 1 3 1978

Shell-Amerada Hess-
Flying Diamond-Ute 1-12B3
(CO, Perf & Stim)

TD 13,008. PB 12,945. On various tests, prod:

| Rept Date | Hrs | BO | BW | MCF Gas | Press |
|---|---|---|---|---|---|
| 2/10 | 24 | 88 | 20 | 200 | 1000 |
| 2/11 | 24 | 118 | 78 | 300 | 400 |
| 2/12 | 24 | 82 | 93 | 300 | 200 |

FEB 1 4 1978

Shell-Amerada Hess-
Flying Diamond-Ute 1-12B3
(CO, Perf & Stim)

TD 13,008. PB 12,945. On 24-hr test, prod 113 BO, 75 BW, 300 MCF gas w/250 psi.
FEB 1 5 1978

Shell-Amerada Hess-
Flying Diamond-Ute 1-12B3
(CO, Perf & Stim)

TD 13,008. PB 12,945. On 24-hr test, prod 118 BO, 116 BW, 237 MCF gas w/100 psi.
FEB 1 6 1978

Shell-Amerada Hess-
Flying Diamond-Ute 1-12B3
(CO, Perf & Stim)

TD 13,008. PB 12,945. Gauge not available.
FEB 1 7 1978

Shell-Amerada Hess-
Flying Diamond-Ute 1-12B3
(CO, Perf & Stim)

TD 13,008. PB 12,945. 2/20 MI&RU WOW #17.
FEB 2 1 1978

Shell-Amerada Hess-
Flying Diamond-Ute 1-12B3
(CO, Perf & Stim)
FEB 2 2 1978

TD 13,008. PB 12,945. Loaded tbg w/75 bbls prod wtr & unstung from pkr. POOH (sleeve in pkr came out w/seal assy). Ran Bkr 4-1/8 OD pkr mill & MO pkr @ 10,650 & chased to btm. Pulled mill up to 12,525 & SD for night.

Shell-Amerada Hess-
Flying Diamond-Ute 1-12B3
(CO, Perf & Stim)

TD 13,008. PB 12,945. Circ'd csg & tbg. POOH w/4-1/8 mill from 12,525; well kicking out tbg & csg last 1/3 way out of hole. RU OWP & lubri. Set Bkr 5" FA pkr w/KO plug in place @ 11,500'. POOH. SICP 200 psi; bled off. PU FA latch assy & SN & ran tbg to 7500'. Killed well down tbg & csg while RIH. SD for night.
FEB 2 3 1978

Shell-Amerada Hess-
Flying Diamond-Ute 1-12B3
(CO, Perf & Stim)

TD 13,008. PB 12,945. Latched into pkr @ 11,500 w/4000# tension. Press tested tbg against KO plug to 7000#, ok. RU slick line & KO plug. Installed 10,000# tree before KO plug. Press tested sfc lines to 9000#. SITP 1200; CP 750# before starting job. AT perfs 11,599-12,463 as per prog w/15,500 gals 7-1/2% HCl. Max TP 7000 psi, min 6600, avg 6800. Max rate 10 B/M, min 5.5, avg 7. ISIP 5350 psi, 5 mins 5050, 10 mins 4800, 15 mins 4500. Pmp'd 40 bbls diesel down tbg after trtmt. Max press 5350 psi @ 3 B/M. 5-min SIP 5000 psi, 1 hr 4000 psi. Flushed trtmt w/100 bbls prod wtr & 40 bbls diesel. Total load 509 bbls. Used 218 ball sealers & 1500# 50-50 OS160 Unibeads & OS160 WR Unibeads. Hooked up flwline & SD for night.

FEB 24 1978

Shell-Amerada Hess-
Flying Diamond-Ute 1-12B3
(CO, Perf & Stim)

TD 13,008. PB 12,945. RU OWP. Ran GR tool to 5100' & hit Unibead bridge; POOH. Pmp'd 40 bbls diesel down tbg. OWP ran GR tracer log from 12,918 to 11,400. Log indicates majority of trtmt went in new perfs 11,621-11,830; most perfs below 12,740 took trtmt. RD OWP. SITP 3500. Hooked up flwline & turned well over to prod.

FEB 27 1978

Shell-Amerada Hess-
Flying Diamond-Ute 1-12B3
(CO, Perf & Stim)

TD 13,008. PB 12,945. 2/27 RD&MO WOW #17.

FEB 28 1978

Shell-Amerada Hess-
Flying Diamond-Ute 1-12B3
(CO, Perf & Stim)

TD 13,008. PB 12,945. On 24-hr test, gas lifted 101 BO, 7 BW, 200 MCF gas w/1200 psi inj press.

MAR 01 1978

Shell-Amerada Hess-
Flying Diamond-Ute 1-12B3
(CO, Perf & Stim)

TD 13,008. PB 12,945. On 24-hr test, prod 399 BO, 312 BW, 537 MCF gas w/500 psi.

MAR 02 1978

Shell-Amerada Hess-
Flying Diamond-Ute 1-12B3
(CO, Perf & Stim)

TD 13,008. PB 12,945. (Corr to repts of 2/27 thru 3/1: well was rept'd as gas lift'g, but was actually flw'g.) On various tests, prod:

| Date | Hrs | BO | BW | MCF Gas | Press |
|---|---|---|---|---|---|
| 2/27 | 24 | 367 | 194 | 488 | 300 |
| 2/28 | 24 | 331 | 183 | 0 | 300 |
| 3/1 | 16 | 149 | 24 | 325 | 1100 |

MAR 03 1978

Shell-Amerada Hess-
Flying Diamond-Ute 1-12B3
(CO, Perf & Stim)

TD 13,008. PB 12,945. On 24-hr test, prod 328 BO, 210 BW, 407 MCF gas w/150 psi.

MAR 06 1978

Shell-Amerada Hess-
Flying Diamond-Ute 1-12B3
(CO, Perf & Stim)

TD 13,008. PB 12,945. On various tests, prod:

| Rept Date | Hrs | BO | BW | MCF Gas | Press |
|---|---|---|---|---|---|
| 3/3 | 24 | 302 | 179 | 407 | 150 |
| 3/4 | 24 | 298 | 159 | 455 | 150 |
| 3/5 | 24 | 329 | 82 | 439 | 175 |

MAR 07 1978

Shell-Amerada Hess-
Flying Diamond-Ute 1-12B3
(CO, Perf & Stim)

TD 13,008. PB 12,945. On 24-hr test, prod 303 BO, 0 BW, 395 MCF gas w/150 psi.

MAR 08 1978

Shell-Amerada Hess-
Flying Diamond-Ute 1-12B3
(CO, Perf & Stim)

TD 13,008. PB 12,945. On 24-hr test, prod 241 BO, 140 BW, 396 MCF gas w/100 psi.

MAR 09 1978

Shell-Amerada Hess-
Flying Diamond-Ute 1-12B3
(CO, Perf & Stim)

TD 13,008. PB 12,945. On 24-hr test, prod 245 BO, 123 BW, 396 MCF gas w/100 psi.

MAR 10 1978

Shell-Amerada Hess-
Flying Diamond-Ute 1-12B3
(CO, Perf & Stim)

TD 13,008. PB 12,945. On 24-hr test, prod 287 BO, 150 BW, 407 MCF gas w/75 psi.

MAR 13 1978

Shell-Amerada Hess-
Flying Diamond-Ute 1-12B3
(CO, Perf & Stim)

TD 13,008. PB 12,945. On 24-hr test, prod 288 BO, 127 BW, 475 MCF gas w/150 psi.

MAR 14 1978

Shell-Amerada Hess-
Flying Diamond-Ute 1-12B3
(CO, Perf & Stim)

TD 13,008. PB 12,945. On 24-hr test, prod 228 BO, 119 BW, 475 MCF gas w/100 psi.

MAR 15 1978

Shell-Amerada Hess-
Flying Diamond-Ute 1-12B3
(CO, Perf & Stim)

TD 13,008. PB 12,945. On 24-hr test, prod 274 BO, 160 BW, 433 MCF gas w/150 psi.

MAR 16 1978

Shell-Amerada Hess-
Flying Diamond-Ute 1-12B3
(CO, Perf & Stim)

TD 13,008. PB 12,945. On various tests, prod:

| Rept Date | Hrs | BO | BW | MCF Gas | Press |
|---|---|---|---|---|---|
| 3/13 | 24 | 249 | 119 | 401 | 100 |
| 3/14 | 24 | 303 | 138 | 396 | 100 |
| 3/15 | 18 | 254 | 132 | 396 | 100 |

MAR 17 1978

Shell-Amerada Hess-
Flying Diamond-Ute 1-12B3
(CO, Perf & Stim)

TD 13,008. PB 12,945. On 24-hr test, prod 203 BO, 135 BW, 396 MCF gas w/100 psi.

MAR 20 1978

Shell-Amerada Hess-
Flying Diamond-Ute 1-12B3
(CO, Perf & Stim)

TD 13,008. PB 12,945. On 24-hr test, prod 263 BO, 131 BW, 396 MCF gas w/100 psi.

MAR 21 1978

Shell-Amerada Hess-
Flying Diamond-Ute 1-12B3
(CO, Perf & Stim)

TD 13,008. PB 12,945. On 24-hr test, prod 296 BO, 125 BW, 396 MCF gas w/150 psi.

MAR 22 1978

Shell-Amerada Hess-
Flying Diamond-Ute 1-12B3
(CO, Perf & Stim)

TD 13,008. PB 12,945. On various tests, prod:

| Rept Date | Hrs | BO | BW | MCF Gas | Press |
|---|---|---|---|---|---|
| 3/19 | 24 | 249 | 157 | 508 | 75 |
| 3/20 | 24 | 202 | 142 | 488 | 50 |
| 3/21 | 24 | 242 | 129 | 399 | 125 |

MAR 23 1978

Shell-Amerada Hess-
Flying Diamond-Ute 1-12B3
(CO, Perf & Stim)

TD 13,008. PB 12,945. On 24-hr test, prod 219 BO, 122 BW, 364 MCF gas w/125 psi.

MAR 27 1978

Shell-Amerada Hess-
Flying Diamond-Ute 1-12B3
(CO, Perf & Stim)

TD 13,008. PB 12,945. On 24-hr test, prod 253 BO, 142 BW, 352 MCF gas w/100 psi.

MAR 28 1978

Shell-Amerada Hess-
Flying Diamond-Ute 1-12B3
(CO, Perf & Stim)

TD 13,008. PB 12,945. Prior to work in 1/78, well was gas lift'g 45 BO, 5 BW & 150 MCF gas inj per day. After work, well is flw'g 235 BO, 140 BW w/100 psi FTP on 1" chk.
MAR 29 1978
(Report discontinued until further activity)

Shell-Amerada Hess-
Flying Diamond-Ute 1-12B3
(CO, Perf & Stim)

TD 13,008. PB 12,945. (RRD 3/29/78). Pmp down tbg. Check csg press, 3000#. Bled press down to 350#. Opened tbg. Press 1200#. Start pmp'g down tbg. Press 200#, increased to 2500#. Pmp'd 300 bbls hot prod wtr @ 1-1/2 BPM. Bled press off. Pmp down tbg @ 200#, 2-3/4 BPM, would not go over 200#, pmp'd 70 bbls, would not go on vac, pmp'd 50 bbls, press came up to 500#. Shut in 15 mins. Press down to 50#. Pmp'd 100 bbls dosn csg, bled press off, installed BOP. Released out of FA pkr. MAY 23 1978

Shell-Amerada Hess-
Flying Diamond-Ute 1-12B3
(CO, Perf & Stim)

TD 13,008. PB 12,945. Press 1200# tbg & csg. Pmp'd 100 bbls prod wtr. Tbg on vac & csg came up to 1000# on 18/64 chk. Started rev cir w/chk on tbg. Cir 150 bbls @ 2-3/4 BPM 800-1200 psi csg press 1800# to 600#. Cir 300 bbls down csg, start getting mud back. Cir 230 bbls, press 200# return 200#. Csg went on vac. Tbg flowing pmp 70 bbls down tbg, went on vac. Csg flowing small amount. Pull 2470' tbg. Pmp'd 40 bbls down tbg. Pull total 9078' w/2369' left in hole. Flowing small amt out csg. Shut in over night. MAY 2_ 1978

Shell-Amerada Hess-
Flying Diamond-Ute 1-12B3
(CO, Perf & Stim)

TD 13,008. PB 12,945. Press 1100# tbg & csg. Cir 150 bbls prod wtr. Pmp'd 20 bbls down tbg. Make up DR plug w/4' 2-3/8 tbg sub above 5" full bore + 45 seat nipple. Run 2-7/8 cast iron disc to keep fluid from blowing out tbg. RIH 42 jts. Well kicking out csg. Latch into FA pkr, pull up to 10,487. Set pkr test liner lap 2750# for 15 mins, ok. Release pkr. RIH to 10,744 & fill tbg, drop standing valve. Pmp 50 bbls, press up to 2000#, press to 5000#, press drop off to 0. Pmp'd 10 bbls, would not press up. Started out of hole, fould leak on 158th jt, 8" split. Shut in over night.
MAY 25 1978

Shell-Amerada Hess-
Flying Diamond-Ute 1-12B3
(CO, Perf & Stim)

TD 13,008. PB 12,945. Press on csg 1100 psi. Tested 5000' of tbg to 7000 psi, ok. RIH w/tbg, well started blowing out tbg & csg. SI BOP's. Tested tbg to 6750 psi, ok. Rigged up WL unit to retrieve standing valve. Ran to valve & sheared off. POOH & redressed tool & RIH to 1500', could not get down. Rig up wax cutter, RIH to 3600'. Pulled standing valve, well started flowing out the csg & tbg. Drlg mud, H2O & gas cut drlg mud approx 800 bbls. Pmp'd down csg @ 500 psi @ 3 BPM & press rose to 2950 psi @ 1/4 BPM. Reverse circ @ 600 psi on csg @ 3 BPM. Mud cleaned up, pmp'd a total of 240 bbls. H2O pmp'd 60 bbls H2O down tbg, tbg went on vac for 10 mins. Started blowing out both tbg & csg. Set pkr @ 10,418'. Press csg to 2000 psi & held. MAY 26 1978

Shell-Amerada Hess-
Flying Diamond-Ute 1-12B3
(CO, Perf & Stim)

TD 13,008. PB 12,945. 5/27 TP 2400#. Open well to pit, Press drop'd to 200# in 5 mins. Flw'd back diesel & H2O. Started returning gas & H2O mixture after approx 20 mins. Flw'd back to pit approx 6 hrs. SION after well died. 5/28 TP 1800#. Opened pit, flw'd back H2O, oil & gas mixture, turned to treater 24/64 150# tbg press. Well prod approx 90 bbls H2O, 200 MCF gas & 0 oil. 5/29 Well going to treater 64/64 chk. Well prod approx 45 bbls H2O, 80 bbls oil & 200 MCF gas. MAY 30 1978

Shell-Amerada Hess-
Flying Diamond-Ute 1-12B3
(CO, Perf & Stim)

MAY 31 1978

TD 13,008. PB 12,945. Tbg press 75# & csg press 450#. Pmp'd 10 bbls SW down tbg, press up to 1000#. Bled off. Installed BOP. Release 5" Bkr pkr. Pmp'd 20 bbls SW down tbg. POOH 2-1/2 tbg + 45 seating nipple & pkr. Make up overshot w/bumper sub. RIH to 10,742'.

Shell-Amerada Hess-
Flying Diamond-Ute 1-12B3
(CO, Perf & Stim)

TD 13,008. PB 12,945. Tbg & csg press 700#. Bled csg down to 100#, pmp'd 50 bbls prod wtr returning gas cut mud w/small amount of oil. Pmp'd 125 bbls prod wtr turned back to mud. Circ 200 bbls before clearing up. Pmp'd 50 bbls, clear returns. Pmp'd 70 bbls prod wtr down tbg went on vac. Latch on to DR plug @ 11,493'. Release DR plug. POOH. Did not have DR plug, make up 4" WOS. RIH to 9445'. SION.

JUN 1 1978

Shell-Amerada Hess-
Flying Diamond-Ute 1-12B3
(CO, Perf & Stim)

TD 13,008. PB 12,945. TP 1000# & CP 900#; bled off csg to 300#. Pmp'd 70 bbls & tbg went on vac; still flow'g out csg. RIH to 11,498'. Circ btms up, getting a lot of gas. Circ to control flow, started drilling. Circ out drilling mud. Drilled 3-1/2 hrs made 1'. Circ approx 300 bbls WC mud. Circ btms up. Pmp'd 50 bbls down tbg. Pulled 257 jts to 8119'. SION.

JUN 2 1978

Shell-Amerada Hess-
Flying Diamond-Ute 1-12B3

TD 13,008. PB 12,945. 6/2 TP & CP 800#. Pmp'd 160 bbls down csg & 40 bbls down tbg, well went on vac. POOH 104 jts w/shoe, rec 4' tbg & shear tool, shoe in good shape. RIH w/new 4" shoe,(3-1/8 ID) & 1 jt 4" Wash pipe (3-3/8" ID). Ran 47 jts. Well started flw'g out csg. Installed hyd stripped. RIH & tag @ 11,499'. Circ rev drld 2 hrs made 1'. Started plug'g off, circ btms up. Circ approx 200 bbls mud. 6/3 TP & CP 1150#. Bled down to 200#, circ rev 15 mins. Started drlg, drld 30 mins & plugged off. Tried circ both conv & rev, plug'd off both ways. Started circ rev again, ok. Drld 3 hrs made 1'. Pmp'd down tbg to kill. Circ'd 700 bbls; returning almost straight gas. POOH 257 jts.

JUN 5 1978

Shell-Amerada Hess-
Flying Diamond-Ute 1-12B3
(CO, Perf & Stim)

TD 13,008. PB 12,945. TP 1325# & CP 1700#. Bled press down to 350# on csg & started pmp'g rev 180 bbls, pmp'd pill down tbg, would not hold. Flw'd back on tbg & csg & pmp'd 30 bbls down tbg & well went on vac. RIH to 4500' circ 240 bbls prod wtr, could not kill well. Pmp'd 160 bbls 10# SW, pmp'd SW pill down tbg, still flw'g. POOH 142 jts & wash over shoe, shoe worn out. RIH w/4" OD shoe (3-3/8 ID) & 1 jt wash pipe. Well still flw'g, ran 44 jts, put hyd stripper on & continue in hole. RU drlg equip.

JUN 6 1978

Shell-Amerada Hess-
Flying Diamond-Ute 1-12B3
(CO, Perf & Stim)

TD 13,008. PB 12,945. TP & CP 1400#. Bled csg & tbg down to 300#, mostly oil & gas, pmp'd down csg for 45 mins. Started drlg @ 11,501, drld 30 mins, started plugging off. Circ conv, fell thru pkr @ 11,502. Picked up 3 jts w/sub, did not tag anything. RIH tag'd 11,675', pulled 20,000# over wt to pull loose. Something behind WP. Pull'd 41 jts to get above line top @ 11,460. Hung up all the way. RIH to 11,675', circ rev & drld to 11,686, fell thru @ 11,723, tag'd again @ 11,998. Started circ rev, drld to 12,005. Blew drlg rubber, killed tbg & changed rubber.

JUN 7 1978

Shell-Amerada Hess-
Flying Diamond-Ute 1-12B3
(CO, Perf & Stim)

TD 13,008. PB 12,945. TP & CP @ 1200#. Bled press down to 300#. Pmp'd 100 bbls prod wtr down tbg & rig'd down power sub. POOH & LD 37 jts, 1300'. Well blw'g out csg. Pull'd to 4075', pmp'd 180 bbls prod wtr down csg, pmp'd 40 bbls 10# SW down tbg & continue out. Well started blw'g out tbg & csg. Finish trip'g out, POOH total of 12,000', 378 jts, wash pipe & shoe. Shoe was worn out. RU OWP w/lubri. RIH & set 7" 26# Bkr Mdl "D" w/flapper @ 10,440'. Rig'd down OWP. Started bleed'g well off. SIH w/prod equip. Ran 31 jts, 1000'. JUN 8 1978

Shell-Amerada Hess-
Flying Diamond-Ute 1-12B3
(CO, Perf & Stim)

TD 13,008. PB 12,945. TP & CP 400#. Bled off csg & pmp'd 50 bbls down tbg. Continued in hole w/prod tbg & stop'd to kill well twice by pmp'g down tbg. Ran a total of 327 jts, 9 Camco mandrels as per gas lift design. Circ hole w/400 bbls prod wtr, had some drlg mud returned. Landed @ 10,440 w/1 10' & 1 2' tbg pup w/4000# tension. Put 5000# tree on & tested to 5000#. RD. JUN 9 1978

Shell-Amerada Hess-
Flying Diamond-Ute 1-12B3
(CO, Perf & Stim)

TD 13,008. PB 12,945. 6/9 Rig down & move out WOW #12
JUN 12 1978

Shell-Amerada Hess-
Flying Diamond-Ute 1-12B3
(CO, Perf & Stim)

TD 13,008. PB 12,945. Gauge not available.
JUN 13 1978

Shell-Amerada Hess-
Flying Diamond-Ute 1-12B3
(CO, Perf & Stim)

TD 13,008. PB 12,945. On various tests prod:

| Rept date | Hrs | BO | BW | MCF gas | Press |
|---|---|---|---|---|---|
| 6-10 | 20 | 143 | 303 | 175 | 150 |
| 6-11 | 24 | 113 | 0 | 889 | 300 |
| 6-12 | 24 | 92 | 175 | 791 | 300 |

JUN 14 1978

Shell-Amerada Hess-
Flying Diamond-Ute 1-12B3
(CO, Perf & Stim)

TD 13,008. PB 12,945. On 24-hr test prod 248 BO, 368 BW, 851 MCF gas w/250 press. JUN 15 1978

Shell-Amerada Hess-
Flying Diamond-Ute 1-12B3
(CO, Perf & Stim)

TD 13,008. PB 12,945. On 9-hr test prod 13 BO, 256 BW, 152 MCF gas w/375 press.
JUN 16 1978

Shell-Amerada Hess-
Flying Diamond-Ute 1-12B3
(CO, Perf & Stim)

TD 13,008. PB 12,945. On 24-hr test prod 86 BO, 110 BW, 889 MCF gas w/250 press. JUN 19 1978

Shell-Amerada Hess-
Flying Diamond-Ute 1-12B3
(CO, Perf & Stim)

TD 13,008. PB 12,945. On 18-hr test prod 218 BO, 151 BW, 954 MCF gas w/250 press.
JUN 20 1978

Shell-Amerada Hess-
Flying Diamond-Ute 1-12B3
(CO, Perf & Stim)

TD 13,008. PB 12,945. On 24-hr test prod 61 BO, 0 BW, 820 MCF gas w/250 press.
JUN 21 1978

Shell-Amerada Hess-
Flying Diamond-Ute 1-12B3
(CO, Perf & Stim)

TD 13,008. PB 12,945. On 11-hr test prod 418 BO, 0 BW, 274 MCF gas w/250 press.
JUN 22 1978

Shell-Amerada Hess-
Flying Diamond-Ute 1-12B3
(CO, Perf & Stim)

TD 13,008. PB 12,945. On 4-hr test prod 1 BO, 315 BW, 91 MCF gas w/200 press.
JUN 23 1978

Shell-Amerada Hess-
Flying Diamond-Ute 1-12B3
(CO, Perf & Stim)

TD 13,008. PB 12,945. On 4-[illegible] test prod 0 BO, 20 BW, 130 MCF gas w/1700 press.

JUN 26 1978

Shell-Amerada Hess-
Flying Diamond-Ute 1-12B3
(CO, Perf & Stim)

TD 13,008. PB 12,945. On various tests prod:

| Date | Hrs | BO | BW | MCF gas | Press |
|---|---|---|---|---|---|
| 6/22 | 24 | 161 | 481 | 781 | 250 |
| 6/23 | 24 | 304 | 145 | 902 | 50 |
| 6/24 | 24 | 147 | 73 | 694 | 225 |
| 6/25 | 24 | 92 | 382 | 673 | 225 |

JUN 27 1978

Shell-Amerada Hess-
Flying Diamond-Ute 1-12B3
(CO, Perf & Stim)

TD 13,008. PB 12,945. On 24-hr test prod 135 BO, 264 BW, 569 MCF gas w/255 press.

JUN 28 1978

Shell-Amerada Hess-
Flying Diamond-Ute 1-12B3
(CO, Perf & Stim)

TD 13,008. PB 12,945. On 24-hr test prod 225 BO, 288 BW, 592 MCF gas w/225 press.

JUN 29 1978

Shell-Amerada Hess-
Flying Diamond-Ute 1-12B3
(CO, Perf & Stim)

TD 13,008. PB 12,945. Prior to work the well prod 100 BO, 160 BW w/the well naturally flw'g. Following work well prod 231 BO, 320 BW & 450 MCF gas.
FINAL REPORT

JUN 30 1978

Form 9-331
(May 1963)

UNITED STATES
DEPARTMENT OF THE INTERIOR
GEOLOGICAL SURVEY

SUBMIT IN TRIPLICATE*
(Other instructions on reverse side)

Form approved.
Budget Bureau No. 42-R1424.

# 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.: Tribal 14-20-H62-1810

6. IF INDIAN, ALLOTTEE OR TRIBE NAME:

1. OIL WELL [X] GAS WELL [ ] OTHER

7. UNIT AGREEMENT NAME: CA 96-79

2. NAME OF OPERATOR: Shell Oil Company

8. FARM OR LEASE NAME: Ute

3. ADDRESS OF OPERATOR: 1700 Broadway, Denver, Colorado 80290

9. WELL NO.: 1-12B3

4. LOCATION OF WELL (Report location clearly and in accordance with any State requirements.* See also space 17 below.) At surface: 2296' FSL & 3185' FEL Section 12

10. FIELD AND POOL, OR WILDCAT: Altamont

11. SEC., T., R., M., OR BLK. AND SURVEY OR AREA: NE/4 SW/4 Section 12-T2S-R3W

14. PERMIT NO.:

15. ELEVATIONS (Show whether DF, RT, GR, etc.): 5953 KB

12. COUNTY OR PARISH: Duchesne

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 | X | 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.) *

APPROVED BY THE DIVISION OF
OIL, GAS, AND MINING
DATE: Sept. 25, 1978
BY: P.L. Driscoll

See attachment

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

SIGNED: R. Plardy TITLE: Div. Opers. Engr. DATE: 9/20/78

(This space for Federal or State office use)

APPROVED BY _____ TITLE _____ DATE _____

CONDITIONS OF APPROVAL, IF ANY:

cc: Utah O&GCC w/attachment for info

*See Instructions on Reverse Side

REMEDIAL PROGNOSIS
UTE 1-12B3
SECTION 12, T2S, R3W
DUCHESNE COUNTY, UTAH
BLUEBELL FIELD

Pertinent Data:

Shell W. I.: 71.29%
AFE No:_____

KB elevation: 5953'
KB - GL: 29'
TD: 13,008' PBTD: 12,005' (milled over 5" "FA" pkr w/DR plug from June 1978 workover)
7" - 26# & 29#, S-95 @10,687'
9 5/8" - 40#, K-55 @ 5975'
5" - 18#, N-80 & S-95 @ 13,006'; 5" liner top @ 10,460'
Packer: Baker 7" Model "D" pkr @ 10,440' w/flapper
2 7/8", N-80, 6.5#, EUE tubing w/mandrels & valves

Existing Perforations:

5/73 - 39 perfs, 10,697' - 12,859' ( 1 hole per zone)
5/74 - Reperf 37 holes 10,922' - 12,859'
2/76 - 128 perfs, 12,303' - 12,737' (M43, M52-53 Package Test)
1/78 - 402 perfs, 11,621'-12,426', 3 JSPF @ 120°, 3 1/8" hollow carrier.

Previous Stimulation:

5/73 - A. T. 39 perfs 10,697' - 12,859' w/30,030 gals 15% HCl and 38 ball sealers. Maximum 8350 psi, minimum 5 BPM.

5/74 - A. T. 76 perfs 10,697' - 12,859' w/20,000 gals 15% HCl and 153 ball sealers. Maximum 9100 psi, minimum 10 BPM.

5/74 - Fracture treat 76 perfs 10,697' - 12,859' w/My-T-Frac and 20-40 mesh sand. Screened out w/9170 gals My-T-Frac and 42,500# sand pumped and pressure 10,000 psi; bled to 2350 psi in 5 hours.

2/76 - A. T. perfs (128 new, 20 old) 12,303' - 12,859' w/24,400 gals 15% HCl & 192 ball sealers. Maximum 9300 psi, minimum 7.5 BPM, 2 hour SITP 6000 psi. This package test (M43, M52-53) flowed a total of ±3000 BO.

2/78 - A. T. Perfs 11,599' - 12,463' with 15,500 gallons 7 1/2% HCl and 218 ball sealers. Averaged 7 BPM @ 6800 psi. ISIP 5250, after 15 minutes 4500.

5/78 - A. T. perfs 10,697' - 11,452'' with 11,500 gallons 15% HCl and 204 ball sealers. Averaged 6 BPM @ 6050 psi. ISIP 5500, after 20 minutes 5210.

Current Status

Average production for July was 151 BOPD + 244 BWPD + 271 MCFD (net) with 495 MCFD circulated gas (central system).

Cumulative production as of 7/31/78 is: 86,652 BO, 42,470 BW (33%), and 152,220 MCF (1757 GOR).

Procedure

1. Pull collar stop now in tubing prior to rig moving on well. MI&RU workover rig. Kill well with produced water. Remove tree. Install and test BOPE as per field specs.

2. Release tubing and seal assembly from 7" Model "D" pkr. @ 10,440' and POOH.

3. Mill and pluck 7" Model "D" packer at 10,440'.

4. RIH w/5" retrievable bridge plug with 7" Fullbore set B.P. @ 10,600' and raise F.B. to 10,400', and test 5" x 7" liner lap and 7" casing to surface with 3,000 psi surface pressure. If test is OK, proceed with Step 5. If pressure bleeds off, above 7" Fullbore, retrieve B.P., proceed to locate casing leak out of hole. If pressure bleed off between F.B. & B.P. and holds above F.B., then discuss lap leak but probably go to Step #5.

5. RIH w/mill for 5"-18# liner and CO to milled - over "FA" pkr w/DR plug @ 12,005'. Attempt to mill and push pkr downhole (suspect scale underneath pkr) to 12,900'. If pkr is free, but difficult to push downhole, attempt to retrieve by latching onto DR plug with overshot. If neither of the above are successful, run a flat-bottom mill and mill up pkr and plug, then continue CO to 12,910' (2/78 P.B.T.D.).

6. On wireline, run a Baker 5" "FA-1" packer with mill out extension and Model "F-1" Non-Ported Seating Nipple (1.87" Seal Bore) beneath the packer. Set the packer at ±10,750' (below top perf at 10,697') w/a collar stop in tubing 1 JT above S.N. to prevent tools from hanging up.

7. RIH w/Baker latch-in seal assembly for 5" "FA-1" packer at ±10,750 on 2-7/8" tubing, with a "plus-45" seating nipple one joint above seal assembly. Test tubing at 7500 psi.

8. Acid treat perfs 10,868' - 12,859' (402 new, 203 old) with 32,000 gallons 7-1/2% HCl and 8000 gallons 12% HCl - 3% HF mud acid as follows:

   a) Pump 3500 gallons of 7-1/2% HCl, dropping one ball sealer (7/8", RCN) every 100 gallons. Slug 30 ball sealers near the end of the 3500 gallons.

   b) Pump 1000 gallons of 12% HCl - 3% HF mud acid, dropping one ball sealer every 50 gallons.

   c) Pump 500 gallons of 7-1/2% HCl containing 500# benzoic acid flakes.

d) Repeat steps (a) through (c) 7 times.
Totals: 32,000 gallons 7 1/2% HCl, 680 ball sealers, 4000# Benzoic acid flakes, and 8000 gallons 12-3 mud acid.

e) Flush with 5000 gallons produced water containing 6 gallons G-10 (or equivalent) per thousand gallons.

f) Record ISIP and pressure decline for at least 30 minutes.

NOTE:

1) All acid to contain sufficient friction reducing agent for 70% friction reduction (6 gallons G-10, or equivalent, per 1000 gallons of acid) and 1.0# 20-40 mesh RA sand per 1000 gallons acid.

2) All acid to contain sufficient inhibitor for 4 hours exposure at 210°F. Service company to run fluid compatibility tests to determine if surfactant is necessary.

3) Maintain 3000 psi surface pressure on tubing-casing annulus by pumping water into perforation at 10,697'.

4) Inject acid and flush at maximum rate without exceeding 10,000 psi surface pressure or 15 BPM.

do not exceed 6500 psi differential

Note: The following table represents the surface treating pressure required at various rates to obtain the desired BHTP of 12,000 psi at 12,000' (assumes 6 gals G-10 per 1000 gals acid):

| Rate(BPM) | 2 | 6 | 10 | 14 |
|---|---|---|---|---|
| STP(psi) | 6600 | 7250 | 8280 | 9720 |

Slugs of benzoic acid flakes should be increased during job if one of the above conditions is not approached.

9. Run GR log from PBTD to ±10,300' as soon after treatment as possible.

10. (If well has pressure, run a Baker "FSG" blanking plug on wireline and set in "F" nipple below packer.) POOH with tubing.

11. Run production equipment as follows, from bottom up:

(1) Locator tubing seal assembly for "FA-1" packer at ~~±11,750'~~ 10750',

(2) ±12 joints of 2 7/8", N-80, EUE tubing,

(3) 7" Baker Model "FH-1" Hydrostatic packer (up-strain shear release), and

(4) ±10,390' of 2 7/8", N-80,EUE tubing with gas lift mandrels and valves in place as before (design issued 1/23/78 by WES).

Sting into "FA-1" packer at ±10,750' with locator assembly and set ±3000# weight on packer. Pressure tubing to set "FH-1" packer (should be at ± 10,390'). Pull ±5000# tension to assure "FH-1" packer is set. Land tubing and install tree. Move out rig.

12. Return well to production.

MRS:MG

J. A. Stanzione

I.A.O. J.A. Stanzione
9-14-78

Form 9-331
(May 1963)

UNITED STATES
DEPARTMENT OF THE INTERIOR
GEOLOGICAL SURVEY

SUBMIT IN TRIPLICATE*
(Other instructions on reverse side)

Form approved.
Budget Bureau No. 42-R1424.

# 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.: Tribal 14-20-H62-1810

6. IF INDIAN, ALLOTTEE OR TRIBE NAME:

1. OIL WELL [X] GAS WELL [ ] OTHER

7. UNIT AGREEMENT NAME: CA 96-79

2. NAME OF OPERATOR: Shell Oil Company

8. FARM OR LEASE NAME: Ute

3. ADDRESS OF OPERATOR: 1700 Broadway, Denver, Colorado 80290

9. WELL NO.: 1-12B3

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

2296' FSL & 3185' FEL Section 12

10. FIELD AND POOL, OR WILDCAT: Bluebell

11. SEC., T., R., M., OR BLK. AND SURVEY OR AREA: NE/4 SW/4 Section 12-T2S-R3W

14. PERMIT NO.:

15. ELEVATIONS (Show whether DF, RT, GR, etc.): 5953 KB

12. COUNTY OR PARISH: Duchesne

13. STATE: Utah

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

NOTICE OF INTENTION TO:

| | | | |
|---|---|---|---|
| TEST WATER SHUT-OFF | [ ] | PULL OR ALTER CASING | [ ] |
| FRACTURE TREAT | [ ] | MULTIPLE COMPLETE | [ ] |
| SHOOT OR ACIDIZE | [ ] | ABANDON* | [ ] |
| REPAIR WELL | [ ] | CHANGE PLANS | [ ] |
| (Other) | | | |

SUBSEQUENT REPORT OF:

| | | | |
|---|---|---|---|
| WATER SHUT-OFF | [ ] | REPAIRING WELL | [ ] |
| FRACTURE TREATMENT | [ ] | ALTERING CASING | [ ] |
| SHOOTING OR ACIDIZING | [X] | ABANDONMENT* | [ ] |
| (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.) *

See attachment

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

SIGNED L. Plantz TITLE Div. Opers. Engr. DATE 2/22/79

(This space for Federal or State office use)

APPROVED BY _____ TITLE _____ DATE _____

CONDITIONS OF APPROVAL, IF ANY:

cc: Utah O&GCC w/attach for info

*See Instructions on Reverse Side

REC PKR, TEST LINER & LAPS AND ACID TREAT — BLUEBELL

| | | | |
|---|---|---|---|
| SHELL-AMERADA HESS-FLYING DIAMOND | LEASE | UTE | WELL NO. 1-12B3 |
| | DIVISION | WESTERN | ELEV 5953 KB |
| FROM: 12/20/78 - 2/16/79 | COUNTY | DUCHESNE | STATE UTAH |

UTAH
BLUEBELL

| | |
|---|---|
| Shell-Amerada Hess-Flying Diamond-Ute 1-12B3 (Rec pkr, test liner & laps & AT) | "FR" TD 13,008. PB 12,927. AFE #575487 provides funds to rec 7" pkrs, test liner lap & AT. 12/18 Bled TP & CP to 800#. Pmp 700 bbls prod wtr down csg. Circ down tbg & out csg. DEC 20 1978 |
| Shell-Amerada Hess-Flying Diamond-Ute 1-12B3 (Rec pkr, test liner & laps & AT) | TD 13,008. PB 12,927. 12/19 LD gas mndrls. Ran 6-1/8" OD Bkr Pkr picker to 10,380'. RU power swivel & circ'd 30 bbls hot wtr down tbg; tbg plugged. Pulled 40 stds tbg. DEC 21 1978 |
| Shell-Amerada Hess-Flying Diamond-Ute 1-12B3 (Rec pkr, test liner & laps & AT) | TD 13,008. PB 12,927. 12/20 Pmp'd 150 bbls hot wtr down 7" csg w/returns out tbg. Plug'd line to pit w/ solid paraffin. Rev circ tbg & line clean. Ran 12 stds tbg back in hole. Ran Pkr picker & engaged Pkr @ 10,440'. Milled over Pkr 4 hrs. POOH. DEC 22 1978 |
| Shell-Amerada Hess-Flying Diamond-Ute 1-12B3 (Rec pkr, test liner & laps & AT) | TD 13,008. PB 12,927. 12/21 POOH w/milled over 7" Mdl D pkr. PU Bkr 5" Mdl C ret BP & 7" Bkr ret pkr & RIH. Ret BP set down @ 10,447; could not work ret BP down hole or below 10,447. Circ'd tbg & csg & POOH 96 stds. SD for night. DEC 27 1978 |
| Shell-Amerada Hess-Flying Diamond-Ute 1-12B3 (Rec pkr, test liner & laps & AT) DEC 28 1978 | TD 13,008. PB 12,927. 12/22 RIH w/4-1/3" shoe to 10,817. POOH. SI well overnight. 12/23 Well had 100 psi. Circ w/100 bbls prod H20. RIH w/4-1/8" shoe & tag'd scale @ 10,817. In 1 hr made 15' of hole. Pmp'd 1000 gals 15% HCl down tbg. After 1-1/2 hrs reversed out. Got pieces of scale. Milled to 10,881. POOH w/16 jts pipe, closed rams & bled all lines. SD for holidays. 12/26 Attempted to CO to 12,005. SITP 100 psi. RIH w/mill. CO to 11,200 & got large pieces of scale, formation rock, pkr slips & guides. Mill worn out. Pmp 1000 gals 15% HCl weighted acid down tbg & foll'd w/H20. Pulled up to liner top @ 10,460 & SD overnight. 12/27 Finished POOH & RIH w/new mill. |

| | |
|---|---|
| Shell-Amerada Hess-Flying Diamond-Ute 1-12B3 (Rec pkr, test liner & laps & AT) DEC 29 1978 | TD 13,008. PB 12,927. 12/27 SITP 300 psi. Circ'd w/H20. POOH w/tbg & WP. Shoe worn out. RIH w/shoe & WP to 11,200'. SD for night. |
| Shell-Amerada Hess-Flying Diamond-Ute 1-12B3 (Rec pkr, test liner & laps & AT) | TD 13,008. PB 12,927. 12/28 SITP 450 psi, CP 100 psi. Circ'd well w/prod wtr. Milled out scale @ 11,200 & drld to 11,420; fell free to 11,596. Drld to 12,006; tagged pkr & pushed to 12,140. Drld to 12,167'. SION. JAN - 2 1979 |
| Shell-Amerada Hess-Flying Diamond-Ute 1-12B3 (Rec pkr, test liner & laps & AT) JAN - 3 1979 | TD 13,008. PB 12,927. 12/29 SITP 200 psi & CP 50 psi. Pmp'd 50 bbls 10# SW down tbg & flushed w/prod wtr. POOH w/tbg, WP & shoe; 4-1/2" shoe was brkn, but circ'd out pieces. RIH to 12,100' w/tbg, shoe & WP. 12/30 SITP 50 psi & CP 200 psi. Milled from 12,167-12,174 & from 12,174-12,340; csg free from obstruction. Milled from 12,240-12,295 & plug'd off; blw out strip'r rubbers. Circ'd & cleaned well. Pmp'd 70 BW down tbg. Pmp'd 500 gals 15% wt'd HCl acid & flushed w/70 BW. Pulled 10 stds tbg & SD until 1/2/79. |
| Shell-Amerada Hess-Flying Diamond-Ute 1-12B3 (Rec pkr, test liner & laps & AT) | TD 13,008. PB 12,890. 1/2 SITP 150 psi; CP 50 psi. RIH w/shoe & WP to CO. CO from 12,295-12,890. Rec'd scale & lots of gas. JAN - 4 1979 |
| Shell-Amerada Hess-Flying Diamond-Ute 1-12B3 (Rec pkr, test liner & laps & AT) | TD 13,008. PB 12,890. 1/3 SITP 50 psi; CP 150 psi. Pmp'd 50 bbls 10# SW dn tbg. POOH. Had "DR" plug & pieces of pkr in WP. RIH w/5" ret BP & ret pkr to test liner lap & csg. Set RBP @ 10,550 & pkr @ 10,400. Tested lap to 3000 psi; held for 15 mins. Tested 7" csg annulus to 3000 psi, ok. Released RBP & pkr & POOH w/RBP above liner top. SD. JAN 05 1979 |
| Shell-Amerada Hess-Flying Diamond-Ute 1-12B3 (Rec pkr, test liner & laps & AT) | TD 13,008. PB 12,890. 1/4 SITP & CP 100 psi. Circ'd tbg & hole clean to remove gas. POOH w/RBP & ret pkr. RIH w/500' tbg & SD for night. JAN 08 1979 |
| Shell-Amerada Hess-Flying Diamond-Ute 1-12B3 (Rec pkr, test liner & laps & AT) JAN 09 1979 | TD 13,008. PB 12,890. 1/6 SITP & CP 100 psi. Circ'd to clean up. RIH w/Bkr 5" FA-1 pkr w/6' millout ext & Mod F-1 seating nip. Set pkr @ 10,750'. RIH w/10,750' 2-7/8" N-80 tbg w/+45 seating nip above latch assembly. Pmp'd standing valve dn & tested tbg to 6500 psi, ok. Pulled standing valve. Installed 10,000# frac tree. Pmp'd dn csg @ 1050 psi & tbg press rose. Pmp'd dn tbg & csg press rose. Repeated several times, same results. |

| | |
|---|---|
| Shell-Amerada Hess-Flying Diamond-Ute 1-12B3 (Rec pkr, test liner & laps & AT) JAN 10 1979 | TD 13,008. PB 12,890. 1/8 SITP 500 psi & CP 400. Communication was from the latch-in seal assembly coming out of pkr. Pmp'd dn tbg @ 2 BPM @ 1800 psi; no CP incr. Pmp'd dn csg @ 1-1/2 BPM @ 2000 psi; no TP incr. |
| Shell-Amerada Hess-Flying Diamond-Ute 1-12B3 (Rec pkr, test liner & laps & AT) JAN 11 1979 | TD 13,008. PB 12,890. 1/9 SITP 300 psi & CP 100 psi. BJ acdz'd well w/7½% HCl, 8000 gals 12% HCl-3% HF mud acid, ball sealers & Benzoic acid flakes as per prog. ISIP 4800 psi, 5 mins 4300, 10 mins 4100 & 15 mins 3950. Max rate 16 B/M, min 11 & avg 13. Max press 8700 psi & min 5400. Placed & held @ 1-1/4 B/M @ 3000 psi on tbg-csg annulus. 5-hr SITP 2600 psi & 9-hr SITP 1850. OWP ran RA log; looked as if approx 90% of zones were "hot". RD&MO OWP & left well SI. |
| Shell-Amerada Hess-Flying Diamond-Ute 1-12B3 (Rec pkr, test liner & laps & AT) JAN 12 1979 | TD 13,008. PB 12,890. 1/10 SITP 1400 psi & CP 2400 psi. After 1 hr opened to 64/64" chk & press varied from 50 psi to 125 psi. Flw'd 12 hrs, had 300 bbls wtr & 10 bbls bright yellow oil; well died. SD for night. |
| Shell-Amerada Hess-Flying Diamond-Ute 1-12B3 (Rec pkr, test liner & laps & AT) JAN 15 1979 | TD 13,008. PB 12,890. 1/11 SITP 75 psi; CP 0. Ran Baker FSG plug & set in "F" nip @ +10,750'. Installed & tested BOP. Pulled seal assembly & tbg. Ran 10' seal assembly, +45 SN & mandrels to 4000'. SD overnight. |
| Shell-Amerada Hess - Flying Diamond-Ute 1-12B3 (Rec pkr, test liner & laps & AT) JAN 16 1979 | TD 13,008. PB 12,890. 1/12 SITP 0 psi; CP 0. Stung thru pkr @ 10,750'. Set the 7" Lok-set pkr & tested 5000# tree. POOH w/collar stop. RIH for blanking plug @ 10,765, could not latch on. RIH w/2" impression block, edges slightly indented. RIH w/1-3/4" & 1-3/8" impression blocks w/same results. 1/13 SITP 300 psi; CP 200 psi. RIH & had 8' of tools on btm of collar locator. Obstruction approx 2' from btm of seal assembly. POOH. Press'd tbg to 5000 psi; tbg held. |
| Shell-Amerada Hess-Flying Diamond-Ute 1-12B3 (Rec pkr, test liner & laps & AT) JAN 17 1979 | TD 13,008. PB 12,890. 1/15 TP 0 psi; CP 0 psi. Released lok-set pkr & POOH. RIH w/overshot; unable to latch onto plug. POOH. RIH w/new overshot; unable to latch onto plug. POOH. Put knuck-joint on overshot; unable to latch onto plug. RU McCullough. |
| Shell-Amerada Hess-Flying Diamond-Ute 1-12B3 (Rec pkr, test liner & laps & AT) | TD 13,008. PB 12,890. 1/16 TP & CP 0 psi. RIH w/spud'g bar & tag'd something @ 10,751. Worked to 10,759 & POOH. RIH w/pkr plucker & tag'd pkr @ 10,750'. Milled on pkr for 2 hrs. Pulled pkr into 7" csg. JAN 18 1979 |

Shell-Amerada Hess-
Flying Diamond-Ute 1-12B3
(Rec ptest liner &
laps & AT)
JAN 19 1979

TD 13,008. PB 12,890. 1/17 TP 400 psi; CP 600. Spot'd 70 bbls SW. Pulled pkr plucker & pkr. 8' jt tbg below pkr full of scale. Model D pkr set @ 10,740'. RIH w/8' seal assembly, 2-7/8" tbg, 7" Bkr lok-set pkr & 9 gas mandrels. Stung into pkr & tbg started to flow. Pmp'd 30 bbls SW dn tbg. Installed 5,000# WH. SION.

Shell-Amerada Hess-
Flying Diamond-Ute 1-12B3
(Rec pkr, test liner &
laps & AT)

TD 13,008. PB 12,890. 1/18 TP 350 psi. RD WOW & turned well over to production. JAN 22 1979

Shell-Amerada Hess-
Flying Diamond-Ute 1-12B3
(Rec pkr, test liner &
laps & AT)

TD 13,008. PB 12,890. No gauge available.
JAN 23 1979

Shell-Amerada Hess-
Flying Diamond-Ute 1-12B3
(Rec pkr, test liner &
laps & AT)

TD 13,008. PB 12,890. On 24-hr test 1/19 prod 78 BO, 319 BW, & 351 MCF Gas w/150 psi FTP.
JAN 24 1979

Shell-Amerada Hess-
Flying Diamond-Ute 1-12B3
(Rec pkr, test liner &
laps & AT)

TD 13,008. PB 12,890. On 24-hr test 1/20 prod 83 BO, 264 BW & 598 MCF Gas w/150 psi FTP.
JAN 25 1979

Shell-Amerada Hess-
Flying Diamond-Ute 1-12B3
(Rec pkr, test liner &
laps & AT)

TD 13,008. PB 12,890. On 24-hr test 1/21 prod 47 BO, 179 BW & 334 MCF Gas w/300 psi FTP.
JAN 26 1979

Shell-Amerada Hess-
Flying Diamond-Ute 1-12B3
(Rec pkr, test liner &
laps & AT)

TD 13,008. PB 12,890. On 24-hr test 1/22 prod 64 BO, 158 BW & 200 MCF Gas w/250 psi FTP.
JAN 29 1979

Shell-Amerada Hess-
Flying Diamond-Ute 1-12B3
(Rec pkr, test liner &
laps & AT)
JAN 30 1979

TD 13,008. PB 12,890. On various tests prod:

| Rept Date | Hrs | BO | BW | MCF Gas | Press |
|---|---|---|---|---|---|
| 1/23 | 24 | 67 | 41 | 325 | 350 |
| 1/24 | 24 | 105 | 19 | 900 | 400 |
| 1/25 | 24 | 146 | 33 | 1050 | 400 |
| 1/26 | 24 | 73 | 24 | 1000 | 100 |

Shell-Amerada Hess-
Flying Diamond-Ute 1-12B3
(Rec pkr, test liner &
laps & AT)

TD 13,008. PB 12,890. On 24-hr test 1/27 prod 36 BO, 63 BW & 1050 MCF Gas w/300 psi FTP.
JAN 31 1979

Shell-Amerada Hess-
Flying Diamond-Ute 1-12B3
(Rec pkr, test liner &
laps & AT)

TD 13,008. PB 12,890. On 24-hr test 1/28 prod 57 BO, 200 BW & 1412 MCF Gas w/250 psi FTP.
FEB 1 1979

Shell-Amerada Hess-
Flying Diamond-Ute 1-12B3
(Rec pkr, test liner &
laps & AT)

TD 13,008. PB 12,890. On 24-hr test 1/29 prod 32 BO, 3 BW & 1100 MCF Gas w/300 psi FTP. FEB 2 1979

Shell-Amerada Hess-
Flying Diamond-Ute 1-12B3
(Rec pkr, test liner &
laps & AT)

TD 13,008. PB 12,890. On 24-hr test 1/30 prod 53 BO, 73 BW & 1200 MCF Gas w/200 psi FTP.
FEB 5 1979

Shell-Amerada Hess-
Flying Diamond-Ute 1-12B3
(Rec pkr, test liner &
laps & AT) FEB 6 1979

TD 13,008. PB 12,890. On various tests, gas lifted:

| Rept Date | Hrs | BO | BW | Gas Prod | Gas Inj | Press |
|---|---|---|---|---|---|---|
| 1/31 | 24 | 39 | 96 | 900 | 1104 | 250 |
| 2/1 | 24 | 39 | 105 | 830 | 0 | 250 |

Shell-Amerada Hess-
Flying Diamond-Ute 1-12B3
(Rec pkr, test liner &
laps & AT) FEB 7 1979

TD 13,008. PB 12,890. On various tests, gas lifted:

| Rept Date | Hrs | BO | BW | Gas Prod | Gas Inj | Press |
|---|---|---|---|---|---|---|
| 2/2 | 24 | 65 | 22 | 1200 | 1664 | 300 |
| 2/3 | 24 | 13 | 0 | 651 | 499 | 250 |

Shell-Amerada Hess-
Flying Diamond-Ute 1-12B3
(Rec pkr, test liner &
laps & AT)

TD 13,008. PB 12,890. On 24-hr test 2/4 gas lifted 76 BO, 19 BW, 807 gas prod & 762 gas inj w/180 TP.
FEB 8 1979

Shell-Amerada Hess-
Flying Diamond-Ute 1-12B3
(Rec pkr, test liner &
laps & AT)

TD 13,008. PB 12,890. On 24-hr test 2/5 gas lifted 2 BO, 58 BW, 550 gas prod & 517 gas inj w/280 TP.
FEB 9 1979

Shell-Amerada Hess-
Flying Diamond-Ute 1-12B3
(Rec pkr, test liner &
laps & AT)

TD 13,008. PB 12,890. On 24-hr test 2/6 gas lifted 57 BO, 79 BW, 800 gas prod & 526 gas inj w/150 TP.
FEB 12 1979

Shell-Amerada Hess-
Flying Diamond-Ute 1-12B3
(Rec pkr, test liner &
laps & AT) FEB 13 1979

TD 13,008. PB 12,890. On various tests, gas lifted:

| Rept Date | Hrs | BO | BW | Gas Prod | Gas Inj | Press |
|---|---|---|---|---|---|---|
| 2/7 | 24 | 26 | 38 | 590 | 498 | 200 |
| 2/8 | 24 | 36 | 39 | 650 | 508 | 350 |
| 2/9 | 24 | 46 | 27 | 607 | 508 | 100 |

Shell-Amerada Hess-
Flying Diamond-Ute 1-12B3
(Rec pkr, test liner &
laps & AT)

TD 13,008. PB 12,890. On 24-hr test 2/10, gas lifted:
51 BO, 0 BW 506 Gas Prod, 381 Gas Inj w/200 psi TP.
FEB 14 1979

Shell-Amerada Hess-
Flying Diamond-Ute 1-12B3
(Rec pkr, test liner &
laps & AT)

TD 13,008. PB 12,890. On 24-hr test 2/11, gas lifted
62 BO, 0 BW, 500 Gas Prod, 503 Gas Inj w/250 psi TP.
FEB 15 1979

Shell-Amerada Hess-
Flying Diamond-Ute 1-12B3
(Rec pkr, test liner &

TD 13,008. PB 12,890. Prior to remedial well prod
35 BO, 20 BW w/495 MCF Gas inj. After remedial work
well prod'g 39 BO, 76 BW w/2690 GOR.
FINAL REPORT FEB 16 1979

**Shell Oil Company**

P.O. Box 831
Houston, Texas 77001

December 30, 1983

Mr. Norm Stout
State of Utah
Natural Resources
Division of Oil, Gas & Mining
4241 State Office Building
Salt Lake City, UT 84114

Dear Mr. Stout:

TRANSFER OF OWNERSHIP AND ASSETS
FROM SHELL OIL COMPANY TO
SHELL WESTERN E&P INC.
STATE OF UTAH

In accordance with our recent conversation, the purpose of this letter is to reduce to writing that Shell Western E&P Inc. ("SWEPI"), a subsidiary of Shell Oil Company, has been formed. Shell Western E&P Inc. is a Delaware corporation with its offices located at 200 North Dairy Ashford Road in Houston, Texas. The mailing address is P. O. Box 831, Houston, TX 77001.

Effective January 1, 1984, Shell Oil Company will transfer portions of its oil and gas operations to Shell Western E&P Inc. and Shell Western E&P Inc. will assume all of the rights, interests, obligations and duties which Shell Oil Company currently has as a result of its exploration, development and production operations in the State of Utah.

As you are aware, Shell Oil Company is currently the holder of various permits and agency authorizations. In view of the fact that Shell Western E&P Inc. will assume all of the liabilities and obligations of Shell Oil Company's exploration and production activities within the state, we respectfully request that you transfer all permits or other authorizations from Shell Oil Company to Shell Western E&P Inc., effective January 1, 1984.

To support this request, a copy of the power of attorney appointing the undersigned as Attorney-in-Fact for Shell Western E&P Inc. is enclosed. On behalf of Shell Western E&P Inc., enclosed are recently issued Bond No. Shell 1835 and Bond No. Shell 1841. The bonds were issued by the Insurance Company of North America. In the near future, I shall request that the existing Shell Oil Company bonds be released.

It is my understanding, pursuant to our prior discussion, that this letter will comply with your requirement regarding the change in the name of the permittee.

Sufficient copies of this letter are being provided to your office so that a copy can be placed in each appropriate file. A listing of active wells is enclosed. Thank you in advance for your cooperation in this matter.

Yours very truly,

G. M. Jobe

G. M. Jobe
Administrator, Regulatory-Permits
Rocky Mountain Division
Western E&P Operations

GMJ:beb

Enclosures

PRD4278[redacted]423

4241 State Office Building:Salt Lake City, Ut. 84114.● 801-533-5771

# MONTHLY OIL AND GAS PRODUCTION REPORT

Operator name and address: UTEX OIL CO.
% SHELL WESTERN E&P INC.

[redacted] Operator name change
PO BOX 576
HOUSTON TX 77001
ATTN: P.T. KENT, OIL ACCT.

Utah Account No. N0840

Report Period (Month/Year) 8 / 84

Amended Report ☐

| Well Name API Number | Entity | Location | Producing Zone | Days Oper | Production Volume Oil (BBL) | Gas (MSCF) | Water (BBL) |
|---|---|---|---|---|---|---|---|
| RUDY 1-11B3 4301330204 | 01820 | 02S 03W 11 | WSTC | 27 | 1821 | 2431 | 2818 |
| SHELL UTE 1-36A3 4301330263 | 01821 | 01S 03W 36 | WSTC | 28 | 1441 | 6288 | 3218 |
| CROOK 1-06B4 4301330213 | 01825 | 02S 04W 6 | WSTC | 21 | 1552 | 2251 | 6961 |
| POTTER 1-02B5 4301330293 | 01826 | 02S 05W 2 | WSTC | 30 | 416 | 1898 | 1785 |
| UTE UNIT 1-12B3 4301330205 | 01830 | 02S 03W 12 | GR-WS | 27 | 510 | 497 | 668 |
| FIELDSTED 1-29A4 4301330276 | 01831 | 01S 04W 29 | GRRV | 21 | 325 | 196 | 7874 |
| UTE UNIT 1-07B2 4301330206 | 01835 | 02S 02W 7 | WSTC | 25 | 1518 | 2500 | 10222 |
| HUNT 1-21B4 4301330214 | 01840 | 02S 04W 21 | WSTC | 22 | 1903 | 16632 | 13815 |
| BROTHERSON 1-28A4 4301330292 | 01841 | 01S 04W 28 | WSTC | 31 | 747 | 1412 | 5031 |
| LAWRENCE 1-30B4 4301330220 | 01845 | 02S 04W 30 | WSTC | 31 | 1187 | 0 | 2910 |
| SHELL UTE 1-08A1E 4304730173 | 01846 | 01S 01E 8 | WSTC | 24 | 1086 | 298 | 502 |
| FLY DIMND RPR 1-14B3 4301330217 | 01850 | 02S 03W 14 | WSTC | 27 | 721 | 1149 | 2650 |
| UTE TRBL 1-33Z2 4301330334 | 01851 | 01N 02W 33 | GRRV | 31 | 2424 | 1312 | 7229 |
| | | TOTAL | | | 15851 | 36864 | 65683 |

OCT - 2

Comments (attach separate sheet if necessary)

I have reviewed this report and certify the information to be accurate and complete. Date 9-28-84

Authorized signature

Telephone

Form OGC-1b

SUBMIT IN TRIPLICATE (Other instructions on reverse side) 010938

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 [X] GAS WELL [ ] OTHER

2. NAME OF OPERATOR
ANR Limited Inc.

3. ADDRESS OF OPERATOR
P. O. Box 749, Denver, Colorado 80201-0749

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

RECEIVED DEC 31 1986 DIVISION OF OIL GAS & MINING

5. LEASE DESIGNATION AND SERIAL NO.

6. IF INDIAN, ALLOTTEE OR TRIBE NAME

7. UNIT AGREEMENT NAME

8. FARM OR LEASE NAME

9. WELL NO.
Ute 1-12B3

10. FIELD AND POOL, OR WILDCAT

11. SEC., T., R., M., OR BLK. AND SURVEY OR AREA
Sec. 12 2S 3W

14. PERMIT NO.
43-013-30205

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

12. COUNTY OR PARISH
Duchesne

13. STATE

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) -Change Operator | | | [X] | (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.)*

ANR Limited has been elected successor Operator to Utex Oil Company on the oil wells described on the attached Exhibit "A".

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

SIGNED Jon K. Nelson TITLE Dist. Land Mgr. DATE 12/24/86

(This space for Federal or State office use)

APPROVED BY _____ TITLE _____ DATE _____

CONDITIONS OF APPROVAL, IF ANY:

*See Instructions on Reverse Side

UTAH NATURAL RESOURCES
Oil, Gas & Mining
355 West North Temple, 3 Triad Center, Suite 350, Salt Lake City, Ut
84180-1203. (801-538-5340)



# MONTHLY OIL AND GAS PRODUCTION REPORT

Operator name and address:

ANR LIMITED INC./COASTAL
P O BOX 749
DENVER CO 80201 0749
ATTN: RANDY WAHL

Utah Account No. N0235

Report Period (Month/Year) 11 / 87

Amended Report ☐

| Well Name API Number | Entity | Location | Producing Zone | Days Oper | Production Volume Oil (BBL) | Gas (MSCF) | Water (BBL) |
|---|---|---|---|---|---|---|---|
| CROOK 1-06B4 4301330213 | 01825 | 02S 04W 6 | WSTC | | | | |
| POTTER 1-02B5 4301330293 | 01826 | 02S 05W 2 | WSTC | | | | |
| UTE UNIT 1-12B3 4301330205 | 01830 | 02S 03W 12 | GR-WS | | | | |
| FIELDSTED 1-29A4 4301330276 | 01831 | 01S 04W 29 | GR-WS | | | | |
| UTE UNIT 1-07B2 4301330206 | 01835 | 02S 02W 7 | WSTC | | | | |
| HUNT #2-21B4 4[illegible]331114 | 01839 | 02S 04W 21 | WSTC | | | | |
| HUNT 1-21B4 4301330214 | 01840 | 02S 04W 21 | WSTC | | | | |
| BROTHERSON 1-28A4 4301330292 | 01841 | 01S 04W 28 | WSTC | | | | |
| LAWRENCE 1-30B4 4301330220 | 01845 | 02S 04W 30 | WSTC | | | | |
| SHELL UTE 1-08A1E 4304730173 | 01846 | 01S 01E 8 | WSTC | | | | |
| FLYING DIAMOND ROPER 1-14B3 4301330217 | 01850 | 02S 03W 14 | WSTC | | | | |
| UTE TRBL 1-33Z2 4301330334 | 01851 | 01N 02W 33 | WSTC | | | | |
| BABCOCK 1-18B3 4301330219 | 01855 | 02S 03W 18 | WSTC | | | | |
| | | | TOTAL | | | | |

Comments (attach separate sheet if necessary)

I have reviewed this report and certify the information to be accurate and complete. Date

Telephone

Authorized signature

PLEASE COMPLETE FORMS IN BLACK INK

ANR

**ANR Production Company**
a subsidiary of The Coastal Corporation

012712

RECEIVED
JAN 25 1988
DIVISION OF
OIL, GAS & MINING

January 19, 1988

Natural Resources
Oil, Gas & Mining
3 Triad Center, Suite 350
Salt Lake City, Utah 84180-1203

Attention: Ms. Lisha Romero

N0235

This letter includes the information you requested on January 12, 1988 concerning the recent merger of ANR Limited, Inc. into ANR Production Company. Effective December 31, 1987 (December, 1987 Production), ANR Limited, Inc. merged into ANR Production Company; and henceforth, will continue operations as ANR Production Company.

N0675

ANR Production Company will begin reporting and remitting the Utah Conservation and Occupation Taxes effective December, 1987 production for leases previously reported by ANR Limited, Inc. (Utah Account No. N-7245). ANR Production Company will use the new Utah Account No. N-0675, as assigned by the State of Utah.

Please contact me at (713) 877-6167 if I can answer any questions on this matter.

Very truly yours,

Roger W. Sparks

Roger W. Sparks
Manager, Crude Revenue Accounting

The computer shows the ANR Limited wells listed under account no. N0235.
DTS
1-26-88

CC: AWS

CTE:mmw

Lisha,
I don't see any problem w/this. I gave a copy to Arlene so she could check on the bond situation. She didn't think this would affect their bond as the bond is set up for Coastal and its subsidiaries (ANR, etc.) No Entity Number changes are necessary. DTS 1-26-88

Coastal Tower, Nine Greenway Plaza, Houston, Texas 77046-0995 • (713) 877-1400

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

UNITED STATES
DEPARTMENT OF THE INTERIOR
BUREAU OF LAND MANAGEMENT

SUBMIT IN TRIPLICATE*
(Other instructions on reverse side)

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

5. LEASE DESIGNATION AND SERIAL NO.
Tribal 14-20-H62-1810

6. IF INDIAN, ALLOTTEE OR TRIBE NAME

# SUNDRY NOTICES AND REPORTS ON WELLS

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

RECEIVED
JAN 04 1990
DIVISION OF
OIL, GAS & MINING

1. OIL WELL [X] GAS WELL [ ] OTHER

7. UNIT AGREEMENT NAME

2. NAME OF OPERATOR
ANR Production Company

8. FARM OR LEASE NAME
Ute

3. ADDRESS OF OPERATOR
P.O. Box 749, Denver, Colorado 80201-0749

9. WELL NO.
1-12B3

4. LOCATION OF WELL (Report location clearly and in accordance with any State requirements.* See also space 17 below.)
At surface
2,296' FSL & 3,185' FEL, Section 12

10. FIELD AND POOL, OR WILDCAT
Altamont

11. SEC., T., R., M., OR BLK. AND SURVEY OR AREA
NESW Sec. 12, T2S-R3W

| 14. PERMIT NO. | 15. ELEVATIONS (Show whether DF, RT, GR, etc.) | 12. COUNTY OR PARISH | 13. STATE |
|---|---|---|---|
| 43-013-30205 | 5,928' GL | Duchesne | 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.)*

See attached proposed procedure to plug and abandon referenced well.

| CLARKS | |
|---|---|
| | ABF |
| 1- | CLH |
| | SLS |
| | |
| | |
| 2-TAS | |
| 3. | MICROFILM |
| 4- | FILE |

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

SIGNED Timothy F. Sciba TITLE Manager Administration DATE January 2, 1990

(This space for Federal or State office use)

APPROVED BY _____ TITLE _____ DATE _____

CONDITIONS OF APPROVAL, IF ANY:

Federal approval of this action is required before commencing operations.

ACCEPTED BY THE STATE OF UTAH DIVISION OF OIL, GAS, AND MINING
DATE: 1-24-90
BY: [signature]

*See Instructions on Reverse Side

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

ORIGINAL

INVOICE

# The Western Company of North America

P.O. BOX 94480 TULSA, OKLAHOMA 74194
(817) 731-5100

MAR 20 1990
COASTAL OIL & GAS C
DENVER

TO COASTAL OIL & GAS
P.O. BOX 120
ALTAMONT, UT 84001

TERMS
NET CASH DUE ON OR
BEFORE 30 DAYS
AFTER DATE OF INVOICE

FEDERAL I.D. NO. C 75-0763484

| INVOICE NO. |
|---|
| 340117 |

| PLEASE DISREGARD THIS INFORMATION | | | | | | |
|---|---|---|---|---|---|---|
| 18463 | 15 | 35 | 43 | 2 | 20 | 9 |

| DATE MO. | DAY | YR. | OUR RECEIPT NO. | SERVICES FROM OUR STATION AT | OUR ENGINEER | SIGNED FOR YOU BY |
|---|---|---|---|---|---|---|
| 03 | 09 | 90 | 118643 | VERNAL CEMENTING | EDWARDS | BOZARTH |

| FOR SERVICING WELL NAME | COUNTY | STATE | YOUR ORDER NO. |
|---|---|---|---|
| 1-12B3 | DUCHESNE | UT | |

| UNITS | CODE | DEPTH AND DESCRIPTION | UNIT PRICE | AMOUNT |
|---|---|---|---|---|
| 55.0 | K1026 | MILEAGE AUTO/PICK-UP/TREATING VAN | .850 | 46.75 |
| 1.0 | K2436 | CEMENTING 1ST 8 HRS 3000-5000 FT. | 1340.000 | 1,340.00 |
| 15.0 | K2436 | PLUS PER 100 FT OR FRACT BELOW 3000 | 17.000 | 255.00 |
| 300.0 | M1006 | LAND JOBS | .950 | 285.00 ** |
| 1292.0 | M2306 | DELIVERY CHARGE PER TON MILE | .750 | 969.00 ** |
| 500.0 | P433L | PREMIUM CEMENT, VERNAL, UT. | 7.800 | 3,900.00 ** |
| | | SUB TOTAL | | 6,795.75 |
| | 90200 | SALES CONCESSION ON SERVICES | | 1,766.90- |
| | 96326 | DUCHESNE COUNTY .875% | | 33.37 |
| | 96900 | UTAH SALES & USE TAX 5.094% | | 194.28 |

94 1499 .0024 .000 000 .62950 789 8720 5256 50

Sac
032190

Property Name
Type of Service
Comments
AFE
Appr. By Date 3-15-90
Appr. By Date
Appr. By Date

PAY THIS AMOUNT 5,256.50

CUSTOMER COPY

# THE WESTERN COMPANY OF NORTH AMERICA

**SERVICE ORDER AND FIELD RECEIPT NO.** L 118643

SHADED AREAS FOR ACCOUNTING USE ONLY

| CUSTOMER NUMBER | INVOICE NUMBER | DISTRICT | STATE | TYPE | CLASS | GAS | ACCT. | TRANS. |
|---|---|---|---|---|---|---|---|---|
| | | | | | | | | |

CUSTOMER (COMPANY NAME)

MAIL INVOICE TO: STREET OR BOX NUMBER / CITY / STATE / ZIP CODE

DATE WORK COMPLETED: MO. DAY YEAR

WELL TYPE: NEW [ ] OLD [X] 2 (CHECK ONE)

WESTERN DISTRICT

WELL CLASS: OIL [X] 1 GAS [ ] 2 DISPOSAL [ ] 3 INJECTION [ ] 4 (CHECK ONE)

JOB DEPTH (FT.)

WELL NAME AND NUMBER

TD WELL DEPTH (FT.)

GAS USED ON JOB: $N_2$ [ ] $CO_2$ [ ] NONE [X] 3 (CHECK ONE)

WELL LOCATION: SEC/TWP/RGE / COUNTY / STATE

FIELD SALES AND SERVICE REPRESENTATIVE

ARRIVE LOCATION: MO. DAY YR. TIME

SEE REVERSE SIDE FOR GENERAL TERMS AND CONDITIONS

SERVICE ORDER: I AUTHORIZE WORK TO BEGIN PER SERVICE INSTRUCTIONS IN ACCORDANCE WITH TERMS AND CONDITIONS PRINTED ON THE REVERSE SIDE OF THIS FORM AND REPRESENT THAT I HAVE AUTHORITY TO ACCEPT AND SIGN THIS ORDER.

CUSTOMER AUTHORIZED AGENT

THIS ORDER MUST BE SIGNED BEFORE WORK CAN COMMENCE

| UNITS | CODE | DEPTHS AND DESCRIPTION | UNIT PRICE | AMOUNT |
|---|---|---|---|---|
| 550 | K1076 | | 46 | 25300 |
| 1 | | | 340 | 340 |
| 150 | | | 255 | 38250 |
| 300 | | | 25 | 7500 |
| 1 | | | 969 | 969 |
| 500 | | | 9 | 4500 |
| | | | 6 | 3795 |
| | | | 766 | 90 |
| | | | 5 | 5028 |

JOB TYPE CODES

CEMENTING SERVICES
10. CONDUCTOR
11. SURFACE
12. INTERMEDIATE
13. LONG
14. LINER
15. TIEBACK
16. PLUG & ABANDON
17. PLUG BACK
18. SQUEEZE
19. PUMPING (CEMENT)
20. BULK SALE (CEMENT)

STIMULATION SERVICES
30. ACID, MATRIX
31. ACID, FRACTURE
32. FRACTURE, 0-9,999 psi
33. ACID, FRACTURE 10,000-
34. PUMPING (STIM)
35. BULK SALE (STIM)
40. SAND CONTROL

TOOL SERVICES
50. TOOL SALE
51. TOOL RENTAL
52. TOOL REDRESS
53. TOOL SERVICE

ACCOUNTING USE ONLY

CUSTOMER REP. LAST NAME

116

SERVICE RECEIPT: I CERTIFY THAT THE MATERIALS AND SERVICES LISTED WERE RECEIVED AND ALL SERVICES PERFORMED IN A WORKMANLIKE MANNER.

CUSTOMER AUTHORIZED AGENT X

WESTERN APPROVAL X

ORIGINAL
INVOICE

# The Western Company of North America

P.O. BOX 94480 TULSA, OKLAHOMA 74194
(817) 731-5100

MAR 20 19
COASTAL OIL & GAS
DENVER

TO COASTAL OIL & GAS
P.O. BOX 120
ALTAMONT, UT 84001

TERMS
NET CASH DUE ON OR
BEFORE 30 DAYS
AFTER DATE OF INVOICE

FEDERAL I.D. NO. C 75-0763484

| INVOICE NO. |
|---|
| 340260 |

| PLEASE DISREGARD THIS INFORMATION | | | | | | |
|---|---|---|---|---|---|---|
| 18463 | 15 | 35 | 43 | 2 | 20 | 9 |

| DATE MO. | DAY | YR. | OUR RECEIPT NO. | SERVICES FROM OUR STATION AT | OUR ENGINEER | SIGNED FOR YOU BY |
|---|---|---|---|---|---|---|
| 03 | 12 | 90 | 118644 | VERNAL CEMENTING | EDWARDS | BOZARTH |

| FOR SERVICING WELL NAME | COUNTY | STATE | YOUR ORDER NO. |
|---|---|---|---|
| UTE 1-12B-3 | DUCHESNE | UT | |

| UNITS | CODE | DEPTH AND DESCRIPTION | UNIT PRICE | AMOUNT |
|---|---|---|---|---|
| 55.0 | K1006 | MILEAGE CHARGE, PER UNIT, PER MILE | 2.200 | 121.00 |
| 55.0 | K1026 | MILEAGE AUTO/PICK-UP/TREATING VAN | .850 | 46.75 |
| 1.0 | K2406 | CEMENTING 1ST 8 HRS 0-300 FT. | 560.000 | 560.00 |
| 291.0 | M1006 | LAND JOBS | .950 | 276.45 ** |
| 742.3 | M2306 | DELIVERY CHARGE PER TON MILE | .750 | 556.73 ** |
| 37.5 | P1716 | CELLO-SEAL, PER LB | 1.600 | 60.00 ** |
| 250.0 | P1786 | HI-SEAL,PER LB | .700 | 175.00 ** |
| 470.0 | P2036 | THIXAD,PER LB | .270 | 126.90 ** |
| 90.0 | P433L | PREMIUM CEMENT, VERNAL, UT. | 7.800 | 702.00 ** |
| | | SUB TOTAL | | 2,624.83 |
| | 90200 | SALES CONCESSION ON SERVICES | | 682.46- |
| | 96326 | DUCHESNE COUNTY .875% | | 12.28 |
| | 96900 | UTAH SALES & USE TAX 5.094% | | 71.51 |

94 1499 0024 000 000 62950 789 8220 2026 16

AC032190

Property Name
Type of Service
Comments
AFE ☑ LOE ☐
Appr. By Date 3-15-90
Appr. By Date
Appr. By Date

PAY THIS AMOUNT 2,026.16

POOR COPY

CUSTOMER COPY

# THE WESTERN COMPANY OF NORTH AMERICA

SERVICE ORDER AND FIELD RECEIPT

L 118644

SHADED AREAS FOR ACCOUNTING USE ONLY

| CUSTOMER NUMBER | INVOICE NUMBER | DISTRICT | STATE | TYPE | CLASS | GAS | ACCT. | TRANS. |
|---|---|---|---|---|---|---|---|---|
| | | | | | | | | |

CUSTOMER (COMPANY NAME): Coastal

MAIL INVOICE TO: STREET OR BOX NUMBER / CITY / STATE / ZIP CODE

DATE WORK COMPLETED: MO. DAY YEAR / WESTERN SERVICE SUPERVISOR

WELL TYPE: CHECK ONE: OIL [X] 1 GAS 2 DISPOSAL 3 INJECTION 4

WESTERN DISTRICT

WELL CLASS: CHECK ONE: NEW [X] OLD

WELL NAME AND NUMBER

JOB DEPTH (FT.)

GAS USED ON JOB: CO2 [ ] 2 NONE [X] 3

WELL LOCATION: SEC/TWP/RGE / COUNTY / STATE

TD WELL DEPTH (FT.)

FIELD SALES AND SERVICE REPRESENTATIVE

ARRIVE LOCATION: MO. DAY YR. TIME

SEE REVERSE SIDE FOR GENERAL TERMS AND CONDITIONS

SERVICE ORDER: I AUTHORIZE WORK TO BEGIN PER SERVICE INSTRUCTIONS IN ACCORDANCE WITH TERMS AND CONDITIONS PRINTED ON THE REVERSE SIDE OF THIS FORM AND REPRESENT THAT I HAVE AUTHORITY TO ACCEPT AND SIGN THIS ORDER.

CUSTOMER AUTHORIZED AGENT

THIS ORDER MUST BE SIGNED BEFORE WORK CAN COMMENCE

| UNITS | CODE | DEPTHS AND DESCRIPTION | UNIT PRICE | AMOUNT |
|---|---|---|---|---|
| 550 | K1006 | Pump mileage | 2.75 | 1,21 00 |
| 55.0 | | | 46 | 75 |
| 1.0 | | | 1560 | 00 |
| 291.0 | | | 2 | 76 45 |
| 742.3 | | | | 556 73 |
| 90.0 | | | | 702 00 |
| 470.0 | | | | 1,206 40 |
| 32.5 | | | | 60 00 |
| 250.0 | | | | 175 00 |
| | | | | 1,824 83 |
| | | | | 682 46 |
| | | | | 1,942 37 |

JOB TYPE CODES

CEMENTING SERVICES
10. CONDUCTOR
11. SURFACE
12. INTERMEDIATE
13. LONG STRING
14. LINER
15. TIEBACK
16. PLUG & ABANDON
17. PLUG BACK
18. SQUEEZE
19. PUMPING (CEMENT)
20. BULK SALE (CEMENT)

STIMULATION SERVICES
30. ACID, MATRIX
31. ACID, FRACTURE
32. FRACTURE, 0-9,999 psi
33. FRACTURE, 10,000+ psi
34. PUMPING (STIM)
35. BULK SALE (STIM)
40. SAND CONTROL

TOOL SERVICES
50. TOOL SALE
51. TOOL RENTAL
52. TOOL REDRESS
53. TOOL SERVICE

ACCOUNTING USE ONLY

CUSTOMER REP. LAST NAME

SERVICE RECEIPT: I CERTIFY THAT THE MATERIALS AND SERVICES LISTED WERE RECEIVED AND ALL SERVICES PERFORMED IN A WORKMANLIKE MANNER.

CUSTOMER AUTHORIZED AGENT X

WESTERN APPROVAL X

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

UNITED STATES
DEPARTMENT OF THE INTERIOR
BUREAU OF LAND MANAGEMENT

SUBMIT IN TRIPLICATE* (Other instructions on reverse side)

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

5. LEASE DESIGNATION AND SERIAL NO.
Tribal 14-20-H62-1810

6. IF INDIAN, ALLOTTEE OR TRIBE NAME
Ute

7. UNIT AGREEMENT NAME

8. FARM OR LEASE NAME
Ute

9. WELL NO.
1-12B3

10. FIELD AND POOL, OR WILDCAT
Altamont

11. SEC., T., R., M., OR BLK. AND SURVEY OR AREA
Section 12, T2S-R3W

# 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.)

MAR 29 1990
DIVISION OF
OIL, GAS & MINING

1. OIL WELL [X] GAS WELL [ ] OTHER

2. NAME OF OPERATOR
ANR Production Company

3. ADDRESS OF OPERATOR
P. O. Box 749, Denver, Colorado 30201-0749

4. LOCATION OF WELL (Report location clearly and in accordance with any State requirements.* See also space 17 below.)
At surface
2296' FSL & 3185' FEL, Section 12

14. PERMIT NO.
43-013-30205

15. ELEVATIONS (Show whether DF, RT, GR, etc.)
5928' GL

12. COUNTY OR PARISH
Duchesne

13. STATE
Utah

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

NOTICE OF INTENTION TO:

| | | | |
|---|---|---|---|
| TEST WATER SHUT-OFF | [ ] | PULL OR ALTER CASING | [ ] |
| FRACTURE TREAT | [ ] | MULTIPLE COMPLETE | [ ] |
| SHOOT OR ACIDIZE | [ ] | ABANDON* | [ ] |
| REPAIR WELL | [ ] | CHANGE PLANS | [ ] |
| (Other) | | | [ ] |

SUBSEQUENT REPORT OF:

| | | | |
|---|---|---|---|
| WATER SHUT-OFF | [ ] | REPAIRING WELL | [ ] |
| FRACTURE TREATMENT | [ ] | ALTERING CASING | [ ] |
| SHOOTING OR ACIDIZING | [ ] | 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.)*

See attached chronological report to plug and abandon the referenced well.

| OIL AND GAS | |
|---|---|
| DRN | RJF |
| JRB | GLH |
| DTS | SLS |
| | |
| | |
| 1-TAS | |
| 2- MICROFILM | |
| 3. FILE | |

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

SIGNED Timothy F. Sciba TITLE Administrative Manager DATE March 26, 1990

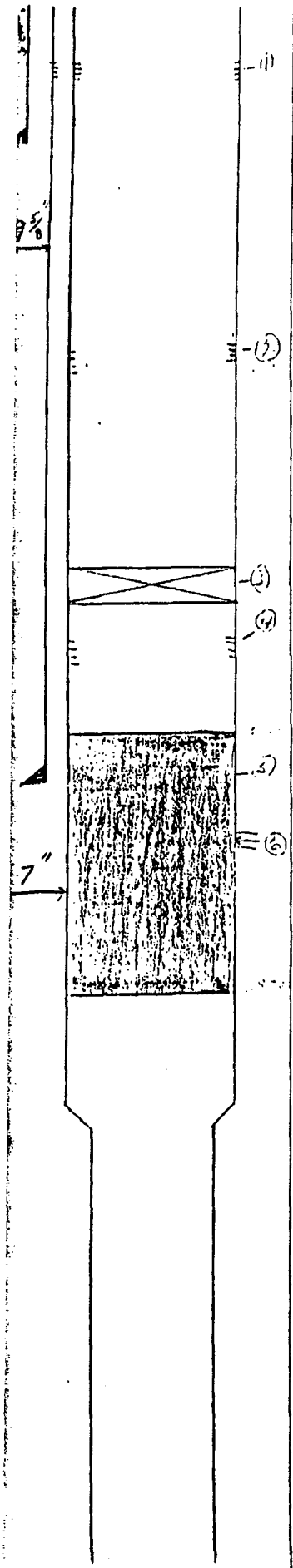
(This space for Federal or State office use)

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

*See Instructions on Reverse Side

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

WELL PROFILE




OPERATOR ANR Prod.
WELL # Ute 1-12B3
FIELD Altamont
COUNTY Duchesne
STATE Utah
DATE 3-12-90
[ ] NEW COMPLETION ☐ WORKOVER

| | Casing | | Liner | Tubing | |
|---|---|---|---|---|---|
| SIZE | | | | | |
| WEIGHT | | | | | |
| GRADE | | | | | |
| THREAD | | | | | |
| DEPTH | | | | | |

| ITEM NO | EQUIPMENT AND SERVICES | |
|---|---|---|
| 1 | Circ. 350 Sx. Cmt. from 200' to surface in 7", 9 5/8" & 13 3/8" Csgs. | |
| 2 | Pumps 50 Sx. Cmt. in Perfs. @ 2155', Cmt. Top ± 2005 | |
| 3 | 7" Mt. States Cmt. Ret. w/2 Sx. Cmt. on top | |
| 4 | Perfs. @ 4500'. Pumped 200 Sx. Cmt., top @ ± 3350 | |
| 5 | 200 Sx. Cmt. plug in 7" Csg. From 6800' to ± 5753' | |
| 6 | 7" Csg. separation @ 6399' | |

COMMENTS: Permanently Abandoned well

| PREPARED BY | OFFICE | PHONE |
|---|---|---|
| Harold Cundall | W.D.W.S. Rig #20 | 646-4110 |

ORIGINAL
INVOICE

# The Western Company of North America

P.O. BOX 94480 TULSA, OKLAHOMA 74194
(817) 731-5100

RECEIVED
MAR 20 1990
COASTAL OIL & GAS CORP.
DENVER

TO COASTAL OIL & GAS
P.O. BOX 120
ALTAMONT, UT 84001

TERMS
NET CASH DUE ON OR BEFORE 30 DAYS AFTER DATE OF INVOICE

FEDERAL I.D. NO. C 75-0763484

| INVOICE NO. |
|---|
| 340025 |

| PLEASE DISREGARD THIS INFORMATION | | | | | | |
|---|---|---|---|---|---|---|
| 18463 | 15 | 35 | 43 | 2 | 20 | 9 |

| DATE MO. | DAY | YR. | OUR RECEIPT NO. | SERVICES FROM OUR STATION AT | OUR ENGINEER | SIGNED FOR YOU BY |
|---|---|---|---|---|---|---|
| 03 | 08 | 90 | 118640 | VERNAL CEMENTING | EDWARDS | BOZARTH |

| FOR SERVICING WELL NAME | COUNTY | STATE | YOUR ORDER NO. |
|---|---|---|---|
| 1-12B3 | DUCHESNE | UT | |

| UNITS | CODE | DEPTH AND DESCRIPTION | UNIT PRICE | AMOUNT |
|---|---|---|---|---|
| 55.0 | K1006 | MILEAGE CHARGE, PER UNIT, PER MILE | 2.200 | 121.00 |
| 55.0 | K1026 | MILEAGE AUTO/PICK-UP/TREATING VAN | .850 | 46.75 |
| 1.0 | K2446 | CEMENTING 1ST 8 HRS 5000-7000 FT | 1680.000 | 1,680.00 |
| 18.0 | K2446 | PLUS PER 100 FT OR FRACT BELOW 5000 | 20.000 | 360.00 |
| 400.0 | M1006 | LAND JOBS | .950 | 380.00 ** |
| 1034.0 | M2306 | DELIVERY CHARGE PER TON MILE | .750 | 775.50 ** |
| 200.0 | P433L | PREMIUM CEMENT, VERNAL, UT. | 7.800 | 1,560.00 ** |
| | | SUB TOTAL | | 4,923.25 |
| | 90200 | SALES CONCESSION ON SERVICES | | 1,280.05- |
| | 96326 | DUCHESNE COUNTY .875% | | 17.58 |
| | 96900 | UTAH SALES & USE TAX 5.094% | | 102.36 |

94 1499 0024 000000 62952 789 8770 3763.14

fac
032190

Property Name
Type of Service
Comments
AFE ☑ LOE ☐
Appr. By Date 3-15-90
Appr. By Date
Appr. By Date

PAY THIS AMOUNT 3,763.14

CUSTOMER COPY

# THE WESTERN COMPANY OF NORTH AMERICA

SERVICE ORDER AND FIELD RECEIPT NO. L 118640

SHADED AREAS FOR ACCOUNTING USE ONLY

| CUSTOMER NUMBER | INVOICE NUMBER | DISTRICT | STATE | TYPE | CLASS | GAS | ACCT. | TRANS. |
|---|---|---|---|---|---|---|---|---|
| | | | | | | | | |

CUSTOMER (COMPANY NAME): Coa

CREDIT APPROVAL NO.: PURCHASE ORDER NO.:

MAIL INVOICE TO: STREET OR BOX NUMBER: CITY: STATE: ZIP CODE:

DATE WORK COMPLETED: MO. DAY YEAR

WESTERN SERVICE SUPERVISOR:

WELL TYPE (CHECK ONE): NEW / OLD X 2

WESTERN DISTRICT: Vernal

JOB DEPTH (FT.):

WELL CLASS (CHECK ONE): OIL X / GAS / DISPOSAL 3 / INJECTION 4

WELL NAME AND NUMBER: 4-12B

TD WELL DEPTH (FT.):

GAS USED ON JOB (CHECK ONE): $N_2$ 2 / CO2 / NONE X 3

WELL LOCATION: SEC/TWP/RGE: R43/R30 COUNTY: STATE:

FIELD SALES AND SERVICE REPRESENTATIVE:

ARRIVE LOCATION: MO. DAY YR. TIME

SERVICE ORDER: I AUTHORIZE WORK TO BEGIN PER SERVICE INSTRUCTIONS IN ACCORDANCE WITH TERMS AND CONDITIONS PRINTED ON THE REVERSE SIDE OF THIS FORM AND REPRESENT THAT I HAVE AUTHORITY TO ACCEPT AND SIGN THIS ORDER.

SEE REVERSE SIDE FOR GENERAL TERMS AND CONDITIONS

CUSTOMER AUTHORIZED AGENT

THIS ORDER MUST BE SIGNED BEFORE WORK CAN COMMENCE

| UNITS | CODE | DEPTHS AND DESCRIPTION | UNIT PRICE | AMOUNT |
|---|---|---|---|---|
| 55.0 | K1008 | | 121 | 00 |
| 55 | | | 46 | 75 |
| 1.0 | | | 680 | 00 |
| 18 | | | 360 | 00 |
| 400.0 | | | 380 | 00 |
| 1034 | | | 775 | 50 |
| 300.0 | P43-32 | | 560 | 00 |
| | | | 923 | 25 |
| | | | 580 | 5 |
| | | | 643 | 00 |

JOB TYPE CODES

CEMENTING SERVICES
10. CONDUCTOR
11. SURFACE
12. INTERMEDIATE
13. LONG
14. LINER
15. TIEBACK
16. PLUG & ABANDON
17. PLUG BACK
18. SQUEEZE
19. PUMPING (CEMENT)
20. BULK SALE (CEMENT)

STIMULATION SERVICES
30. ACID, MATRIX
31. ACID, FRACTURE
32. FRACTURE, 0-9,999 psi
33. FRACTURE, 10,000-
34. PUMPING (SERV.)
35. BULK SALE (STIM)
40. SAND CONTROL

TOOL SERVICES
50. TOOL SALE
51. TOOL RENTAL
52. TOOL REDRESS
53. TOOL SERVICE

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ACCOUNTING USE ONLY

CUSTOMER REP. LAST NAME

SERVICE RECEIPT: I CERTIFY THAT THE MATERIALS AND SERVICES LISTED WERE RECEIVED AND ALL SERVICES PERFORMED IN A WORKMANLIKE MANNER.

CUSTOMER AUTHORIZED AGENT X

WESTERN APPROVAL X

# PLUG AND ABANDONMENT PROCEDURE

Ute #1-12B3
Section 12, T2S, R3W
Duchesne County, Utah

## WELL DATA

| | |
|---|---|
| Location: | 2296' FSL & 3185' FEL, Section 12, T2S, R3W |
| Elevation: | 5928' GL, 5953' KB |
| Total Depth: | 13,006' |
| PBTD: | 12,985' |
| Casing: | 13-3/8" 68# K-55 ST&C @ 294' |
| | 9-5/8" 40# K-55 ST&C @ 5975' |
| | 7" 20# & 29# S-95 LT&C @ 10,687' |
| | 5" 18# N-80 & S-95 LT&C from 10,460' to 13,006' |
| Tubing: | 2-7/8" N-80 6.5# EUE 8rd from: |
| | 10,370'-10,737' 9,915'-10,369' 0'-5,640' |
| Packers: | 5" Model "D" @ 10,737' |
| | 7" Lokset @ 10,385' |

## TUBULAR DATA

| Description | ID | Drift | Capacity | Burst | Collapse |
|---|---|---|---|---|---|
| 13-3/8" 68# K-55 | 12.415" | 12.259" | 0.1497 B/F | 3450 psi | 1950 psi |
| 9-5/8" 40# K-55 | 8.835" | 8.679" | 0.0758 B/F | 3950 psi | 2570 psi |
| 7" 26# S-95 | 6.276" | 6.151" | 0.0382 B/F | 8600 psi | 5870 psi |
| 7" 29# S-95 | 6.184" | 6.059" | 0.0371 B/F | 9690 psi | 7820 psi |
| 5" 18# N-80 | 4.276" | 4.151" | 0.0177 B/F | 10140 psi | 10490 psi |
| 5" 18# S-95 | 4.276" | 4.151" | 0.0177 B/F | 12040 psi | 12010 psi |

## PERFORATIONS AND TREATMENT HISTORY

| | |
|---|---|
| May 1973: | 10,697'-12,859', 39 holes, acidize w/30,000 gals 15% HCl |
| May 1974: | 10,933'-12,859', 37 holes, acidize w/20,000 gals 15% HCl<br>sand frac w/9200 gals |
| Feb 1976: | 12,305'-12,739', 128 holes, acidize w/24,400 gals 15% HCl |
| Jul 1976: | Install gas lift |
| Jan 1978: | 10,868'-12,414', 402 holes, acidize w/15,500 gals 7-1/2% HCl |
| May 1978: | 10,868'-12,414', acidize w/11,500 gals 7-1/2% HCl |
| Jan 1979: | 10,868'-12,414', acidize w/32,000 gals 7-1/2% HCl & 3% HF |
| Oct 1979: | 10,868'-12,414', acid wash 2100 gals 15% HCl |
| Mar 1986: | Encounter csg damage |

PRESENT STATUS: Well temporarily abandoned since March 4, 1986

## PROCEDURE

1. MIRU service unit. NU BOPE. Lower tbg to +/-5875'. Pump 200 sxs dn tbg and displace to 5875' w/water. POOH w/tbg.

2. RIH w/sqz gun. Perf 4 SPF @ 4500'.

3. RIH w/cmt ret on 2-7/8" tbg and set @ 4400'. Est circ w/wtr. Pump 200 sxs cmt. POOH w/tbg.

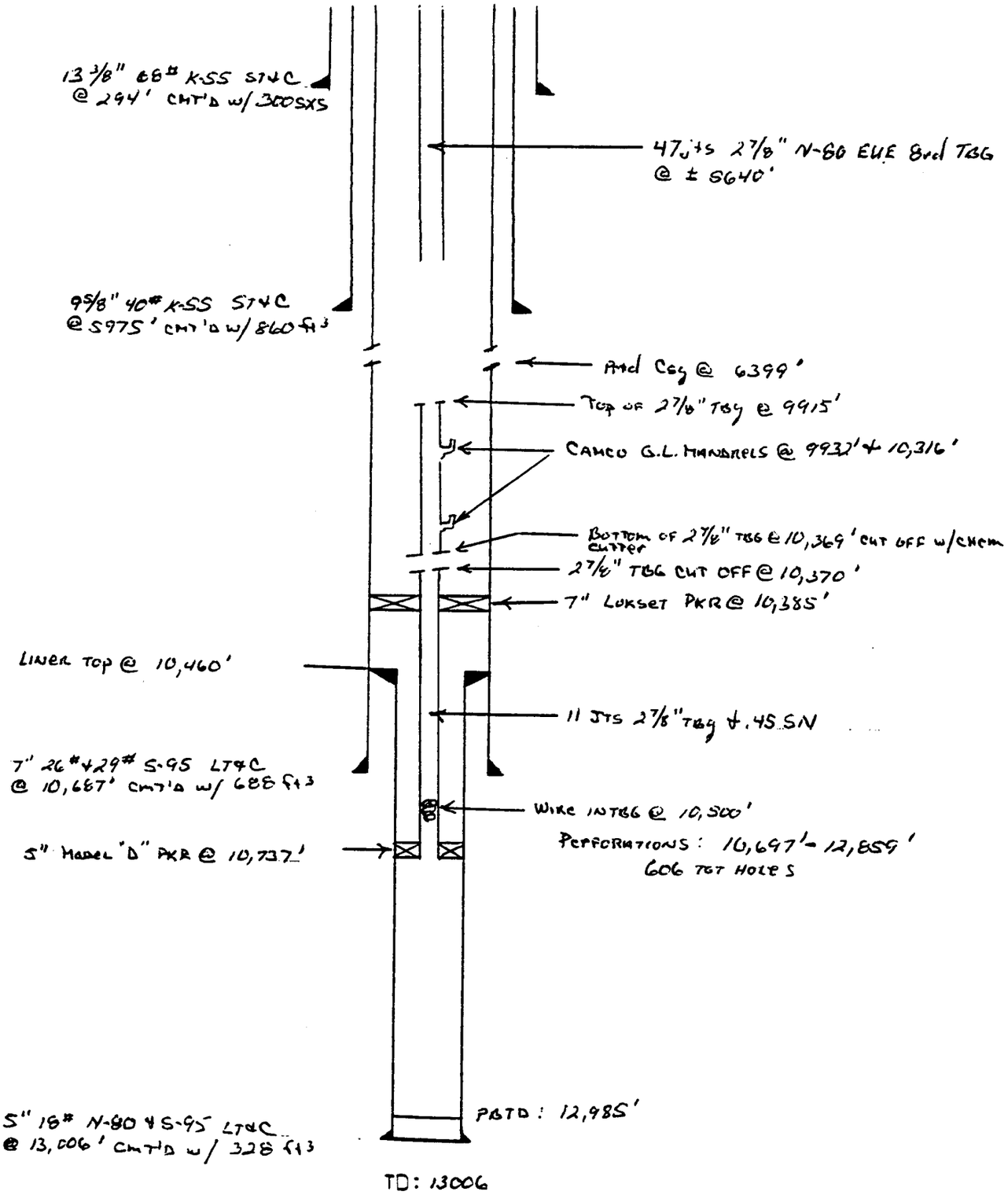
4. Spot 50 sxs cement plug (200 ft) from 200' to surface.

5. Cut off 7", 9-5/8" and 13-3/8" csg 5' below ground.

6. Run 1" pipe and cement 7" x 9-5/8" and 9-5/8" X 13-3/8" annulus from 200' to surface (approx 100 sxs total).

7. Set dry hole marker w/necessary inscription.

PRESENT WELLBORE SCHEMATIC

S.C. Prutch

UTE #1-12B3
AS OF 10/16/89
SECTION 12, T2S, R3W