



AMPOLEX (USA), INC.

1050 SEVENTEENTH STREET, SUITE 2500
DENVER, CO 80265 U.S.A.

Telephone: (303) 595-9000

Fax: (303) 595-0110

Subsidiaries:

Ampolex (Orient), Inc.

Ampolex (Pacific), Inc.

Ampolex (Texas), Inc.

Ampolex (Wyoming), Inc.

January 3, 1994

TIGHT HOLE

State of Utah
Division of Oil and Gas
355 W. North Temple
Salt Lake City, Utah 84180

RECEIVED

JAN 04 1994

Re: Ampolex Slipstream No. 1
Section 25, T36S, R24E
San Juan County, Utah

**DIVISION OF
OIL, GAS & MINING**

Dear Sir:

Ampolex requests that all data, material, and information related to this well be kept confidential beginning on the date of receipt of this request. It is our understanding that this period is one year from the date of completion of the well. Ampolex and its contractors will label all material as "CONFIDENTIAL" or "TIGHT HOLE".

Thank you for your attention in this matter.

Sincerely,

Richard Rollins
Exploration Manager

TIGHT HOLE

UNITED STATES
DEPARTMENT OF THE INTERIOR
BUREAU OF LAND MANAGEMENT

APPLICATION FOR PERMIT TO DRILL, DEEPEN, OR PLUG BACK

1a. TYPE OF WORK
 DRILL DEEPEN PLUG BACK

b. TYPE OF WELL
 OIL WELL GAS WELL OTHER SINGLE ZONE MULTIPLE ZONE

2. NAME OF OPERATOR
 Ampolex (Texas), Inc.

3. ADDRESS OF OPERATOR
 1050 17th Street, Suite #2500, Denver, CO 80265 (303) 595-9000

4. LOCATION OF WELL (Report location clearly and in accordance with any State requirements.)
 At surface: 2,545' FNL & 587' FWL SW NW
 At proposed prod. zone: SAME

14. DISTANCE IN MILES AND DIRECTION FROM NEAREST TOWN OR POST OFFICE*
 See Topo Map "A"

15. DISTANCE FROM PROPOSED LOCATION TO NEAREST PROPERTY OR LEASE LINE, FT. (Also to nearest drilg. unit line, if any)
 587'

16. NO. OF ACRES IN LEASE
 1600.00

17. NO. OF ACRES ASSIGNED TO THIS WELL
 40

18. DISTANCE FROM PROPOSED LOCATION TO NEAREST WELL, DRILLING, COMPLETED, OR APPLIED FOR, ON THIS LEASE, FT.
 N/A

19. PROPOSED DEPTH
 6,230'

20. ROTARY OR CABLE TOOLS
 Rotary

21. ELEVATIONS (Show whether DF, ET, GR, etc.)
 5,855' GR (Un-Graded)

22. APPROX. DATE WORK WILL START*
 05/01/94

5. LEASE DESIGNATION AND SERIAL NO.
 UTU-68672

6. IF INDIAN, ALLOTTEE OR TRIBE NAME
 --

7. UNIT AGREEMENT NAME
 --

8. FARM OR LEASE NAME
 Slipstream

9. WELL NO.
 No. 1

10. FIELD AND FOGL, OR WILDCAT
 Wildcat

11. SEC., T., R., M., OR BLK. AND SURVEY OR AREA
 Section 25-T36S-R24E

12. COUNTY OR PARISH
 San Juan

13. STATE
 Utah

PROPOSED CASING AND CEMENTING PROGRAM

SIZE OF HOLE	SIZE OF CASING	WEIGHT PER FOOT	SETTING DEPTH	QUANTITY OF CEMENT
12-1/4"	8-5/8"	24#, J-55	1,750'	To surface
7-7/8"	5-1/2"	17#, K-55	TD	TOC above all pay zones

Be advised that Ampolex (Texas), Inc. is considered to be the operator of the proposed well and is responsible under the terms and conditions of the Leasee for all operations conducted on leased lands.

Bond coverage for this well is provided by **RECEIVED** HF3973.

CONFIDENTIAL
 DIVISION OF OIL, GAS & MINING

TIGHT HOLE

cc: State of Utah, Oil & Gas Conservation Commission

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 Robert C. Arcevalley TITLE Senior Petroleum Engineer DATE 1/3/94

(This space for Federal or State office use)

PERMIT NO. 43-037-31737 APPROVAL DATE 4/29/94

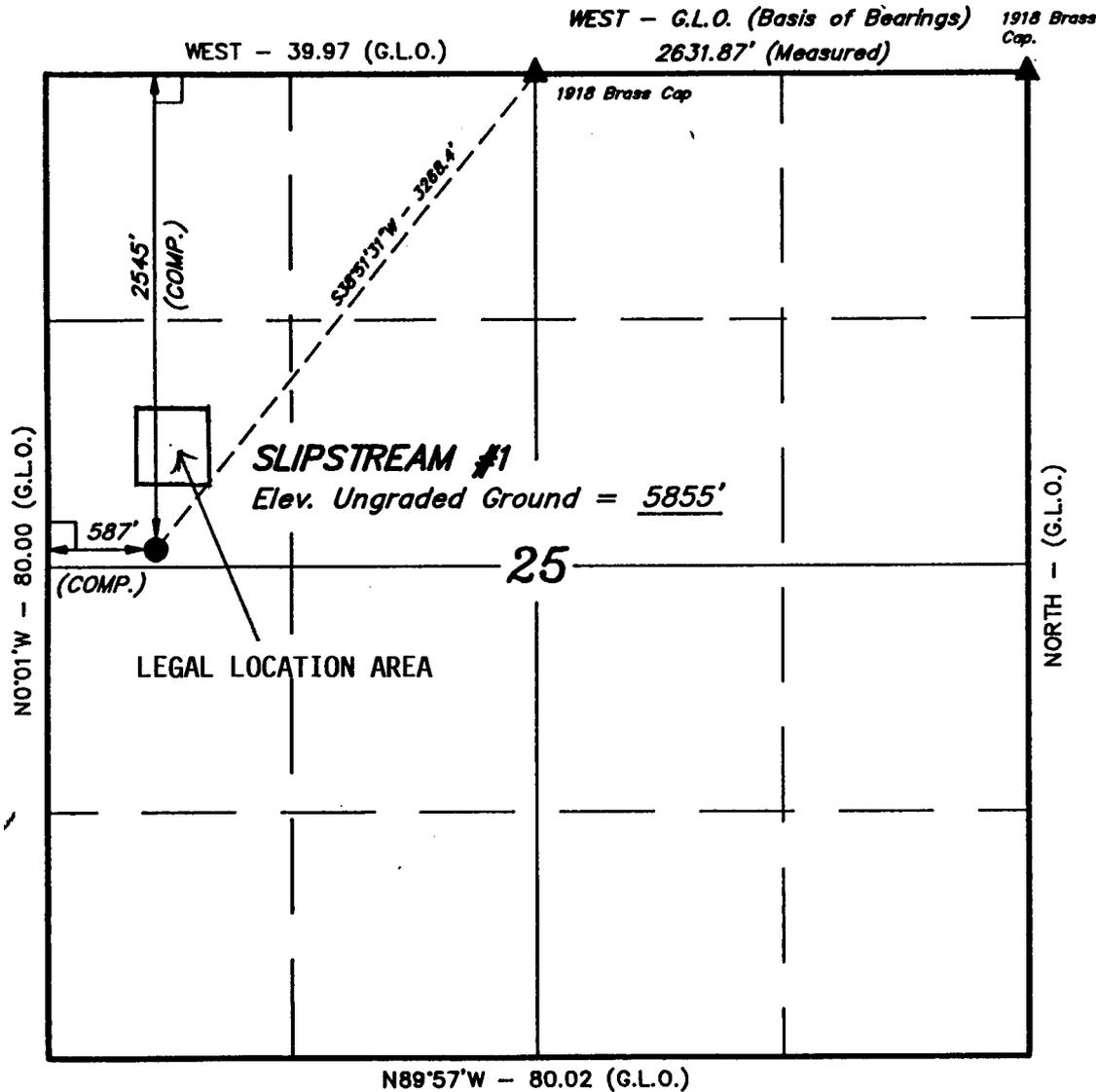
APPROVED BY _____ TITLE _____ DATE: 4/29/94

BY: [Signature]

CONDITIONS OF APPROVAL, IF ANY: _____ WELL SPACING: R 649-3-3

*See Instructions On Reverse Side

T36S, R24E, S.L.B.&M.



PROPOSED WELL HEAD
STATE PLANE COORDINATES:

X = 2,655,154.418
Y = 358,109.221

LEGEND:

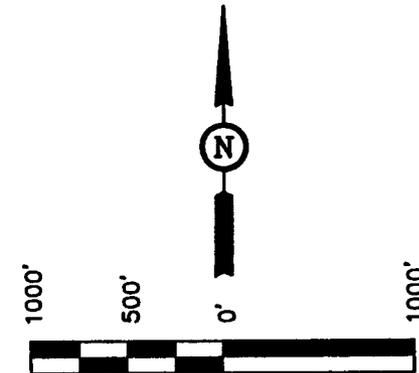
- └─┘ = 90° SYMBOL
- = PROPOSED WELL HEAD.
- ▲ = SECTION CORNERS LOCATED.

AMPOLEX (TEXAS), INC.

Well location, SLIPSTREAM #1, located as shown in the SW 1/4 NW 1/4 of Section 25, T36S, R24E, S.L.B.&M. San Juan County, Utah.

BASIS OF ELEVATION

PEARSON TRIANGULATION STATION 1954 LOCATED IN THE SW 1/4 OF SECTION 18, T36S, R25E, S.L.B.&M. TAKEN FROM THE HORSEHEAD POINT QUADRANGLE, UTAH, SAN JUAN COUNTY, 7.5 MINUTE QUAD. (TOPOGRAPHIC MAP) PUBLISHED BY THE UNITED STATES DEPARTMENT OF THE INTERIOR, GEOLOGICAL SURVEY. SAID ELEVATION IS MARKED AS BEING 6383 FEET.



SCALE

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.

Robert L. King
REGISTERED LAND SURVEYOR
REGISTRATION NO. 5700
STATE OF UTAH

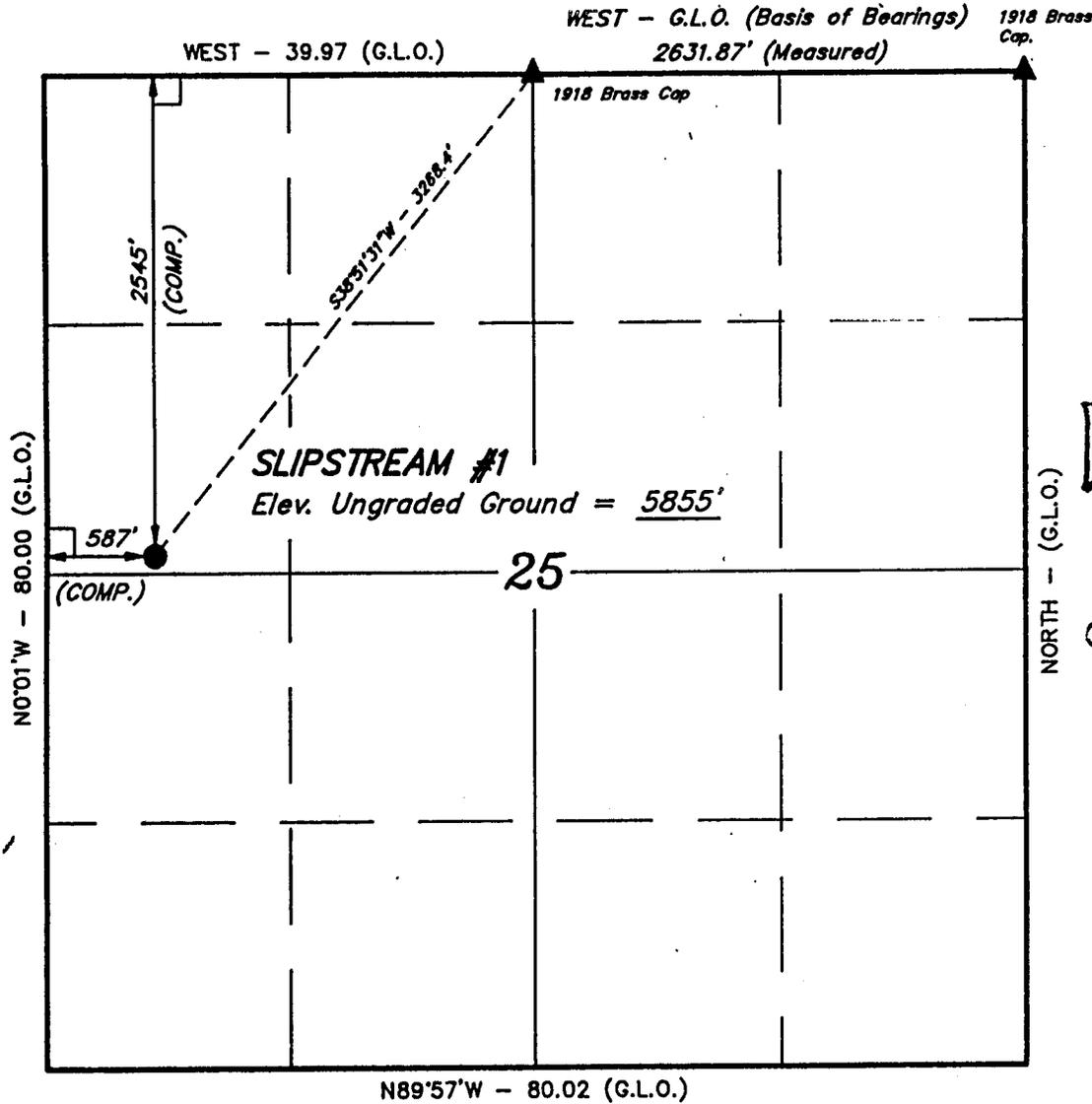
UINTAH ENGINEERING & LAND SURVEYING
85 SOUTH 200 EAST - VERNAL, UTAH 84078
(801) 789-1017

SCALE 1" = 1000'	DATE SURVEYED: 10-20-93	DATE DRAWN: 10-25-93
PARTY L.D.T. R.A. R.E.H.	REFERENCES G.L.O. PLAT	
WEATHER COOL	FILE AMPOLEX (TEXAS), INC.	

T36S, R24E, S.L.B.&M.

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Robert L. Kay
 REGISTERED LAND SURVEYOR
 REGISTRATION NO. 5709
 STATE OF UTAH

TIGHT HOLE

PROPOSED WELL HEAD
 STATE PLANE COORDINATES:

X = 2,655,154.418

Y = 358,109.221

LEGEND:

└ = 90° SYMBOL

● = PROPOSED WELL HEAD.

▲ = SECTION CORNERS LOCATED.

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PARTY	L.D.T. R.A. R.E.H.	REFERENCES	G.L.O. PLAT		
WEATHER	COOL	FILE	AMPOLEX (TEXAS), INC.		

Ampolex (Texas), Inc.
 Slipstream No. 1
 2,545' FNL & 587' FWL
 SW NW Section 25-T36S-R24E
 San Juan County, Utah
 Lease No.: UTU-68672

TIGHT HOLE

All lease and/or unit operations will be conducted in such a manner that full compliance is made with applicable laws, regulations (43 CFR 3100), Onshore Oil and Gas Orders, and the approved plan of operations. The operator is fully responsible for the actions of his subcontractors. A copy of these conditions will be furnished to the field representative to ensure compliance.

A.) DRILLING PROGRAM

1. The estimated tops of important geologic markers are as follows:

<u>FORMATION</u>	<u>DEPTH</u>	<u>SUBSEA</u>	<u>THICKNESS</u>
Morrison	Surface	5,853'	635'
Entrada	646'	5,218'	150'
Carmel	796'	5,068'	40'
Navajo/Kayenta/ Wingate	836'	5,028'	850'
Chinle	1,686'	4,178'	685'
Shinarump	2,371'	3,493'	115'
Cutler (+Moenkopi)	2,486'	3,378'	1,950'
Upper Hermosa	4,436'	1,428'	1,175'
Upper Ismay	5,611'	253'	89'
Hovenweep Shale	5,700'	164'	61'
Lower Ismay	5,761'	103'	17'
Anhydrite	5,778'	86'	21'
Carbonate	5,799'	65'	10'
Gothic Shale	5,809'	55'	28'
Upper Desert Crk.	5,837'	27'	13'
Anhydrite	5,850'	14'	13'
Carbonate	5,863'	1'	15'
Lower Desert Crk.	5,878'	-14'	6'
Anhydrite	5,884'	-20'	5'
Pay Zone	5,889'	-25'	24'
Base Pay	5,913'	-49'	9'
Chimney Rock Sh.	5,922'	-58'	22'
Akah	5,944'	-80'	32'
Salt	5,976'	-112'	3'
Total Depth	6,225'	-370'	

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2. Estimated depth at which Oil, Gas, Water or other Mineral Bearing Zones are expected to be encountered are as follows:

Expected Oil & Gas Zones:	Upper Ismay	5,611'
	Lower Ismay	5,761'
	Lwr. Desert Crk.	5,889'

All fresh water and prospectively valuable minerals (as described by BLM at onsite) encountered during drilling will be recorded by depth, cased, and cemented. All oil and gas shows will be tested to determine commercial potential.

3. Pressure Control Equipment:

- a.) After initial WOC time, a 8-5/8", 3,000# casing head will be installed. Minimum requirement for BOP equipment will consist of a 10", 3,000# double ram preventer with blind and pipe rams and one 10", 3,000# annular BOP.
- b.) BOP rams and accessories including upper kellycock, floor safety valve and choke manifold will be pressure tested as per BLM approved NTL-6. Enter BOP tests in the Daily Tour Book. The pipe rams will be operationally checked each 24 hrs. Blind rams will be operationally checked each time pipe is pulled out of the hole, but not more than once a day. Studs on all wellhead and BOP flanges should be checked for tightness each week. Hand wheels for locking screws shall be installed and operational and the entire BOP and wellhead assembly shall be kept clean of mud. A drill stem safety valve in the open position shall be available on the rig floor at all times.
- c.) BOP equipment will be pressure tested again prior to drilling into the Lower Desert Creek Formation.
- d.) Uncased hole is NOT to be pressured during BOP tests!

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DRILLING PROGRAM

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e.) Keep hole full at all times during tripping operations. If pipe or tools are to be left stationary at any time in open hole, the kelly is to be picked up, the pipe rotated and circulation maintained.

4. Casing Program and Auxiliary Equipment:

a.) Surface Pipe:

8-5/8", 24#, J-55, LT&C to be set in 12-1/4" hole at 1,750' (minimum of 50' into the Chinle). Guide shoe and insert float collar with fill up to be run on bottom joint with one (1) centralizer in the middle. Additional centralizers to be spaced out every fourth joint.

b.) Cement:

Hole volume plus 100% excess of Light Cement lead slurry, approximately 550 sx with 2% CCL and 1/4#/sk Flocele and tail in with 150 sx Class "G" with 2% CCL and 1/4#/sk Flocele.

c.) Production Casing:

5-1/2", 17#, K-55 set at TD in 7-7/8" hole. Guide shoe and differential fill float collar to be run on first joint. Centralizers and scratchers to be run across all potential zones of production.

d.) Cement:

Skavenger slurry of 150 sx 50/50 Pozmix, tailed in with hole volume plus 30% excess of Class "B" cement to bring TOC above all possible pay zones. Estimate 200 sx. Final cementing program to be determined after logging.

Anticipated cement tops will be reported as to depth, not the expected number of sacks.

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DRILLING PROGRAM
Page Four

5. Mud Program and Circulating Medium:

a.) Surface Hole:

Drill with fresh water using gel and lime for viscosity and mica to control seepage.

b.) Main Hole:

Drill out from surface pipe using fresh water, lime and flocculants. At \pm 4,400', clean out mud tanks and "mud-up" with a saltwater/gel mud 8.8 - 9.0 ppg, 30-35 sec/qt. vis. and 10-15cc water loss. Maintain mud properties for DST at all times. At 5,880' \pm raise mud wt. to 11.5 ppg by adding barite before drilling into the Lower Desert Creek Formation and maintain weight to TD. A detailed mud program will be furnished by the mud supplier. All recommendations made by the mud engineer must be followed.

Operations will be conducted in accordance with ONSHORE OIL AND GAS ORDER NO. 2; DRILLING OPERATIONS, except where advance approval for a variance has been obtained.

6. Coring, Logging, and Testing Program:

a.) Core:

One (1) 60' in the Lower Desert Creek Formation.

b.) Drill Stem Tests:

One (1) probable - Lower Desert Creek Formation.

One (1) possible - Upper & Lower Ismay Formations.

A test of the top of the porosity will be conducted under the following circumstances:

- 1.) Top of porosity should be indicated by a drilling break. Drill 10' into the break or until a definite decrease in drill rate is observed, whichever is the lesser.

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DRILLING PROGRAM
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2.) Circulate for samples and gas shows. If cuttings show good visual porosity and are accompanied by significant increases in gas notify Ampolex personnel of same and prepare to DST.

c.) Mud Logging:

One combination mud logger/geologist unit - install at 4,400'.

Continuous gas detector and chromatograph analysis will be required and must be fully operational prior to penetrating the Hermosa. Cuttings gas analysis should be run on each cuttings sample to TD (unless otherwise agreed by Ampolex geologist).

Drill rate, lithology and gas log to be maintained for inspection by Ampolex personnel. Weight on bit, RPM, bit history and mud parameters are to be recorded. Other relevant well details should be recorded on the mud log.

d.) Open Hole Logs:

DLL-MSFL - TD to 4,400'.

FDC-CNL - TD to 4,400'.

LSS - TD to base of surface casing.

Whether the well is completed as a dry hole or as a producer, "Well Completion and Recompletion Report and Log" (Form 3160-4 will be submitted to the District Office not later than thirty (30) days after completion of the well or after completion of operations being performed, in accordance with 43 CFR 3162.4-1(b). Two copies of all logs, core descriptions, core analyses, well test data, geologic summaries, sample description, and all other surveys or

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6. Coring, Logging, and Testing Program: (Cont.)

d.) Open Hole Logs: (Cont.)

data obtained and compiled during the drilling, workover, and/or completion operations, will be filed with Form 3160-4. Samples (cuttings, fluids, and/or gases) will be submitted when requested by the Moab District Manager.

7. Abnormal Conditions, Bottom Hole Pressures and Potential Hazards:

NOTE: ABNORMAL PRESSURE IS EXPECTED TO BE ENCOUNTERED IN THE LOWER DESERT CREEK - 3,300 - 3,400 PSI.

8. Anticipated Starting Dates and Notifications of Operations:

Required verbal notifications are summarized in Table I, attached. Written notification in the form of a Sundry Notice (Form 3160-5 will be submitted to the District Office within twenty-four (24) hours after spudding. If the spudding occurs on a weekend or holiday, the written report will be submitted on the following regular work day.

In accordance with Onshore Oil and Gas Order No. 1, this well will be reported on Form 3160-6, "Monthly Report of Operations", starting with the month in which operations commence and continuing each month until the well is physically plugged and abandoned. This report will be filed directly with Minerals Management Service.

a.) Immediate Report: Spills, blowouts, fires, leaks, accidents, or any other unusual occurrences shall be promptly reported the Resource Area in accordance with requirements of NTL-3A.

Should the well be successfully completed for production, the District Manager will be notified when the well is placed in producing status. Such notification will be sent by telegram or other written communication, not later than five (5) business days following the date on which the well is placed on production.

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DRILLING PROGRAM

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8. Anticipated Starting Dates and Notifications of Operations:
(Cont.)

a.) (Cont.)

The first production conference may be scheduled within fifteen (15) days after receipt of the first production report. The Resource Area Office will coordinate the field conference.

A "Subsequent Report of Abandonment" (Form 3160-5) will be filed with the District Manager within thirty (30) days following completion of the well for abandonment. This report will indicate where plugs were placed and the current status of surface restoration. Final abandonment will not be approved until the surface reclamation work required by the approved APD or approved abandonment notice has been completed to the satisfaction of the Area Manager or his representative, or the appropriate surface managing agency.

Approval to vent/flare gas during initial well evaluation will be obtained from the District Office. This preliminary approval will not exceed thirty (30) days or 50 MMCF gas. Approval to vent/flare beyond this initial test period will require District Office approval pursuant to guidelines in NTL-4A.

Upon completion of approved plugging, a regulation marker will be erected in accordance with 43 CFR 3162.6 (d) and Onshore Oil and Gas Order No. 2.

The following minimum information will be permanently placed on the marker with a plate, cap, or beaded-on with a welding torch:

Well name and number, location by 1/4 1/4 Section, Township and Range, Lease Number and Operator.

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TIGHT HOLE

THIRTEEN-POINT SURFACE USE PLAN
Page Eight

B.) THIRTEEN-POINT SURFACE USE PLAN

1. Existing Roads:

- a.) Location of proposed well in relation to town or other reference point: See Topo Map "A".
- b.) Proposed route to location: Set Topo Map "A" and Topo Map "B".
- c.) Plans for improvement and/or maintenance of existing roads: If the well is productive, the existing roads that access this well will be brought to Resource (Class 111) Road Standards. Ditched, crowned, culverts in place where needed and surfaced with rock.
- d.) If required, an encroachment permit will be obtained from the San Juan County Road Department (801) 587-2231, Ext. 43 for use of county roads.

2. Planned Access Roads:

Existing roads cross through the drill pad as shown on Map "A" & "B". Road to be re-routed per archaeological requirements.

From the Cactus Park #1 location, the existing road will be flat bladed to the new location. Maximum width of 30' with a 20' wide running surface.

Culverts will be installed where required.

Surface disturbance and vehicular travel will be limited to the approved location and access road. Any additional area needed will be approved by the Area Manager in advance of usage.

The topsoil from the access road will be reserved in place.

3. Location of Existing Wells:

There are not known oil, gas, injection, disposal or water wells within a 1-Mile radius.

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THIRTEEN-POINT SURFACE USE PLAN
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B.) THIRTEEN-POINT SURFACE USE PLAN (Cont.)

4. All permanent above-ground facilities (in place six months or longer) will be painted, juniper green as required by the Authorized Officer, except for those facilities or portions thereof required to comply with the Occupational Safety and Health Act or written company safety manual or documents. The paint on the surfaces of the facilities will be maintained as required by the Authorized Officer.

If a tank battery is constructed on this location it will be surrounded by a dike of sufficient capacity to contain 1.1 times the storage capacity of the largest tank + one days production entering the battery. All load lines and valves will be placed inside the dike surrounding the tank battery. The tank battery and berm, any pits, and any production facilities shall be fenced and the fence will be maintained. The gates shall be kept closed.

All site security guidelines identified in 43 CFR 3162.7-5 and ONSHORE OIL AND GAS ORDER NO. 3; SITE SECURITY will be adhered to.

Gas measurement will be conducted in accordance with the ONSHORE OIL AND GAS ORDER NO. 5; GAS MEASUREMENT and 43 CFR 3162.7-3.

Gas meter runs for each well will be located within five hundred (500) feet of the wellhead. The gas flowline will be buried from the wellhead to the meter and downstream for the remainder of the pad. Meter runs will be housed and/or fenced.

Oil measurement will be conducted in accordance with ONSHORE OIL AND GAS ORDER NO. 4; OIL MEASUREMENT and 43 CFR 3162.7-2.

5. Location and Type of Water Supply:

All fresh water needed for drilling purposes will be obtained from one or more privately owned sources. They are as follows:

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THIRTEEN-POINT SURFACE USE PLAN
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5. Location and Type of Water Supply: (Cont.)

- 1.) Water well owned by Clyde Watkins, located South 2,722' and East 10' from the NW corner, Section 1-T37S-R22E, S.L.B. & M.
- 2.) Water well owned by Grady Ragsdale, located in the NE 1/4, NE 1/4, Section 23-T40N-R19W, Dolores County, Colorado.
- 3.) Water well owned by Richard Perkins, located North 2,350' and West 444' from the SE corner, Section 12-T38S-R24E, S.L.B. & M.
- 4.) Town of Dove Creek, Colorado.

Water obtained on private land, or land administered by another agency, will require approval from the owner or agency for use of that water.

6. Source of Construction Material:

As much topsoil material as can be removed from the location will be stockpiled separately.

Pad construction material will be obtained from onsite and in place materials.

The use of materials under BLM jurisdiction will conform to 43 CFR 3610.

7. Method of Handling Waste Disposal:

The reserve pit will be constructed with at least 1/2 of the capacity in cut material and will be lined with 48 tons of bentonite. The sides of the pit shall be sloped no greater than three to one. If bentonite is used as lining material it shall be worked into the soil.

Three sides of the reserve pit will be fenced within 24 hours after completion of construction and the fourth

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THIRTEEN-POINT SURFACE USE PLAN
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7. (Cont.)

side within 24 hours after drilling equipment is removed with four (4) strands of barbed wire, or woven wire topped with barbed wire to a height of not less than four (4) feet. The fence will be kept in good repair while the pit is drying.

No liquid hydrocarbons (i.e. fuels, lubricants, formation) will be discharged to the reserve pit, location, or on the access road. In the event of an accident and hydrocarbons are allowed to escape, all hydrocarbons will be cleaned up and removed within 48 hours.

No chrome compounds will be on location.

Produced waste water will be confined to the reserve pit for a period not to exceed ninety (90) days after initial production. During the ninety (90) day period, an application for approval of a permanent disposal method and location, along with the required water analysis, will be submitted for the District Manager's approval pursuant to NTL-2B.

OTHER:

Portable Chemical Toilet will be provided. Garbage and trash will be disposed of in trash bin. The trash bin will be totally enclosed with small mesh wire to prevent wind scattering trash before being removed. Reserve pit will be fenced on three sides during drilling and the fourth side fenced upon removal of the rig.

After the rig moves out, all materials will be cleaned up and no adverse materials will be left on location. All open pits will be fenced during drilling and kept closed until the pit is leveled.

8. Ancillary Facilities:

Camp facilities will not be required.

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THIRTEEN-POINT SURFACE USE PLAN
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9. Well Site Layout:

The reserve pit will be located as shown on the attached layout sheet.

10. Plans for Restoration of Surface:

a.) Within 24 hours of completion of drilling, the location and surrounding area will be cleared of everything not required for production.

b.) As soon as the reserve pit has dried all areas not needed for production (including the access road) will be filled in, contoured to approximately natural contours and as much top soil as was removed, replaced, leaving sufficient for future restoration. This area will then be seeded. The remaining top soil will be stabilized and seeded in place. If the well is a dry hole, the location and access road will be rehabilitated in total.

c.) The area will be seeded between October 1 and February 38 with:

5 lbs./acre - Crested Wheatgrass
4 lbs./acre - Fourwing Saltbrush
2 lbs./acre - Desert Bitterbrush
1 lb./acre - Wild Sunflower
2 lbs./acre - Dryland Alfalfa

The pounds of seed listed above is pure live seed.

d.) Seed will be broadcast followed by a light harrowing. If the seed is drilled, the seeding rate can be reduced by 25% and harrowing can be eliminated. The Authorized Officer may require additional soil manipulation at time of rehabilitation.

11. Surface and Mineral Ownership: B.L.M.

12. Other Information: Same on new construction as old.

There will be no deviation from the proposed drilling and/or workover program without prior approval from the District Manager. Safe drilling and operating

Ampolex (Texas), Inc.
Slipstream No. 1
2,545' FNL & 587' FWL
SW NW Section 25-T36S-R24E
San Juan County, Utah
Lease No.: UTU-68672

THIRTEEN-POINT SURFACE USE PLAN
Page Thirteen

12. (Cont.)

practices must be observed. All wells, whether drilling, producing, suspended, or abandoned and/or separate facilities, will be identified in accordance with 43 CFR 3162.6.

"Sundry Notice and Report on Wells" (Form 3160-5) will be filed for approval for all changes of plans and other operations in accordance with 43 CFR 3162.6

The dirt contractor will be provided with an approved copy of the surface use plan.

Prior to starting construction and while operations are in progress, all identified historic or archaeological sites will be fenced with a single strand wire or colored plastic tape.

The operator is responsible for informing all persons in the area who are associated with this project that they will be subject to prosecution for knowingly disturbing historic or archaeological sites, or for collecting artifacts. If historic or archaeological materials are uncovered during construction, the operator is to immediately stop work that might further disturb such materials, and contact the authorized officer (AO). Within five working days the AO will inform the operator as to:

- Whether the materials appear eligible for the National Register of Historic Places;
- The mitigation measures the operator will likely have to undertake before the site can be used (assuming in situ preservation is not necessary); and,
- a time frame for the AO to complete an expedited review under 36 CFR 800.11 to confirm, through the State Historic Preservation Officer, that the findings of the AO are correct and that mitigation is appropriate.

Ampolex (Texas), Inc.
Slipstream No. 1
2,545' FNL & 587' FWL
SW NW Section 25-T36S-R24E
San Juan County, Utah
Lease No.: UTU-68672

THIRTEEN-POINT SURFACE USE PLAN
Page Fourteen

12. (Cont.)

If the operator wishes, at any time, to relocate activities to avoid the expense of mitigation and/or the delays associated with this process, the AO will assume responsibility for whatever recordation and stabilization of the exposed materials may be required. Otherwise, the operator will be responsible for mitigation costs. The AO will provide technical and procedural guidelines for the conduct of mitigation. Upon verification from the AO that the required mitigation has been completed, the operator will then be allowed to resume construction.

If at any time the facilities located on public lands authorized by the terms of the lease are no longer included in the lease (due to a contraction in the unit or other lease or unit boundary change) the BLM will process a change in authorization to the appropriate statute. The authorization will be subject to appropriate rental, or other financial obligation determined by the authorized officer.

13. Lessee's or Operator's Representative and Certification:

Representative:

NAME: Robert C. Arceneaux

ADDRESS: 1050 17th Street, Suite #2500
Denver, Colorado 80265

TELEPHONE NO.: (303) 595-9000

Certification:

Be advised that Ampolex (Texas), Inc. is considered to be the operator of Well Slipstream No. 1 location as follows:

SW NW Section 25-T36S-R24E
San Juan County, Utah

and is responsible under the terms and conditions of the lease for the operations conducted on the leased lands.

Ampolex (Texas), Inc.
Slipstream No. 1
2,545' FNL & 587' FWL
SW NW Section 25-T36S-R24E
San Juan County, Utah
Lease No.: UTU-68672

THIRTEEN-POINT SURFACE USE PLAN
Page Fifteenth

Bond coverage for this well is provided by Bond No. CO-0701.
The principal is Ampolex (Wyoming), Inc. via surety consent
as provided for in 43 CFR 3104.2. (Surety - Insurance
Company of North America. Surety No. 69HF3973 - Nationwide
Bond)

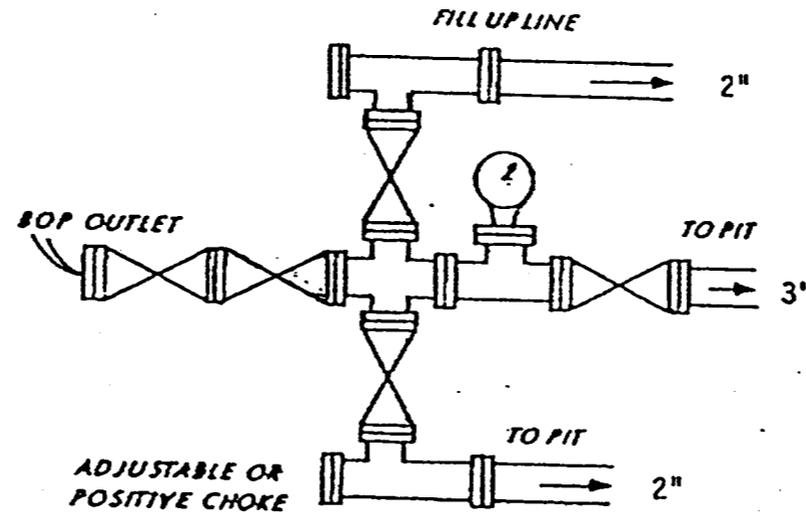
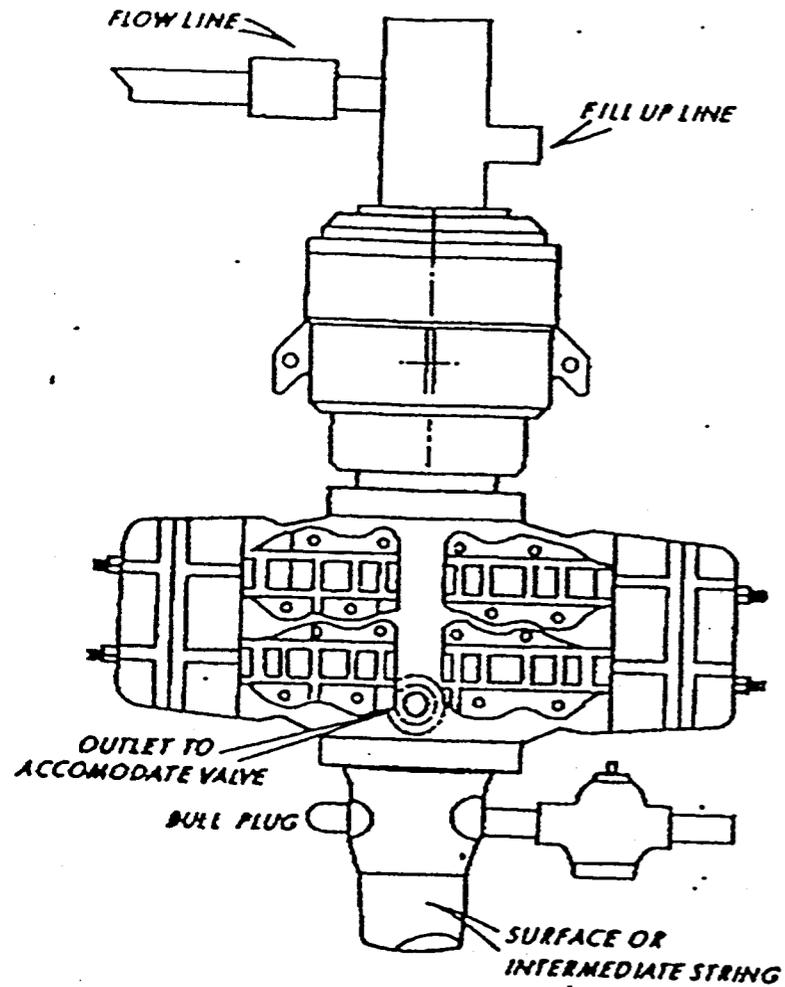
This office will hold the aforementioned operator and bond
liable until the provisions of 43 CFR 3106.7-2 continuing
responsibility are met.

NAME: Robert C. Arceneaux
Robert C. Arceneaux

TITLE: Senior Petroleum Engineer

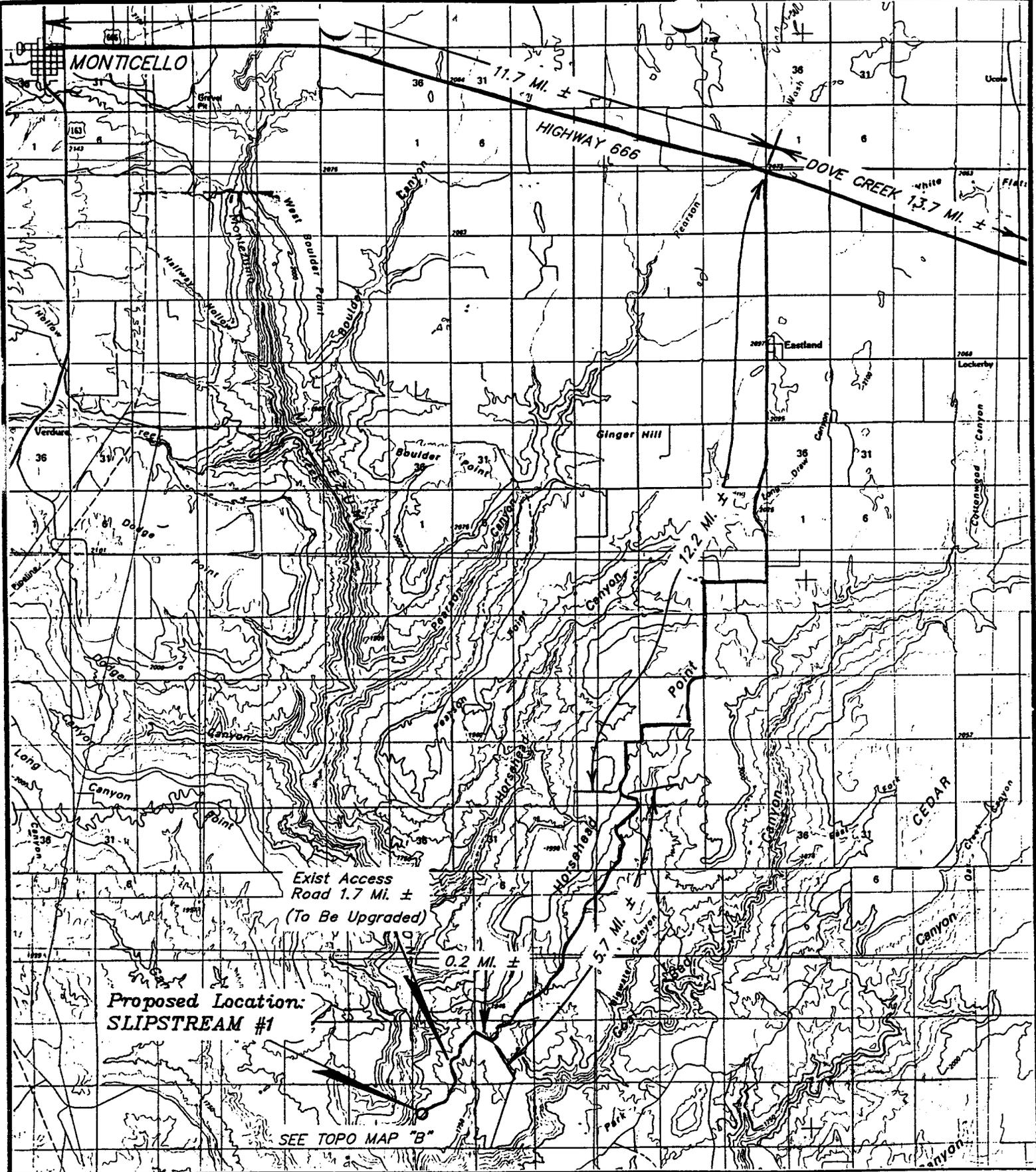
DATE: 1/3/94

TYPICAL BLOW OUT PREVENTER EQUIPMENT



TIGHT HOLE

1. BOP VALVES AND ALL WORKING FITTINGS SHOULD BE IN GOOD WORKING CONDITION.
2. ALL BOLTS TO BE INSTALLED AND TIGHT.
3. ALL VALVES TO BE 3000# W.P. OR BETTER.
4. AFTER NIPPLING UP TEST RAMS AND PRESSURE UP TO 3000# FOR 10 MINUTES AND CHECK FOR POSSIBLE LEAKS.
5. ALL CREW MEMBERS TO BE FAMILIAR WITH BOP AND ACCUMULATORS.
6. KEEP HOLE FULL ON TRIPS.
7. USE ONLY FLANGE TYPE FITTINGS.
8. RECHECK BOLTS FOR TIGHTNESS BEFORE 5000 FT. OR ENTERING PRODUCTION ZONES.
9. WHEN DRILLING USE,
TOP PREVENTER - DRILL PIPE RAMS
BOTTOM PREVENTER BLIND RAMS
10. WHEN RUNNING CASING USE,
TOP PREVENTER - CASING RAMS
BOTTOM PREVENTER BLIND RAMS



MONTICELLO

HIGHWAY 666

DOVE CREEK 13.7 MI. ±

Exist Access Road 1.7 MI. ±
(To Be Upgraded)

Proposed Location:
SLIPSTREAM #1

SEE TOPO MAP "B"

REVISED: 12-17-93 R.E.H.

TOPOGRAPHIC **TIGHT HOLE**
MAP "A"

DATE 10-23-93 R.E.H.

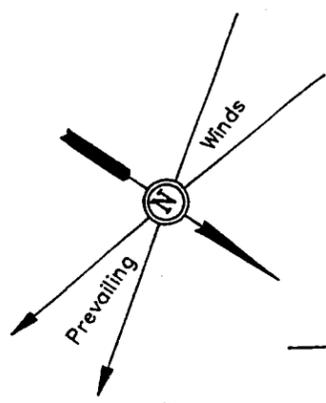
AMPOLEX (TEXAS) INC.

SLIPSTREAM #1
SECTION 25, T36S, R24E, S.L.B.&M.
2545' FNL 587' FWL

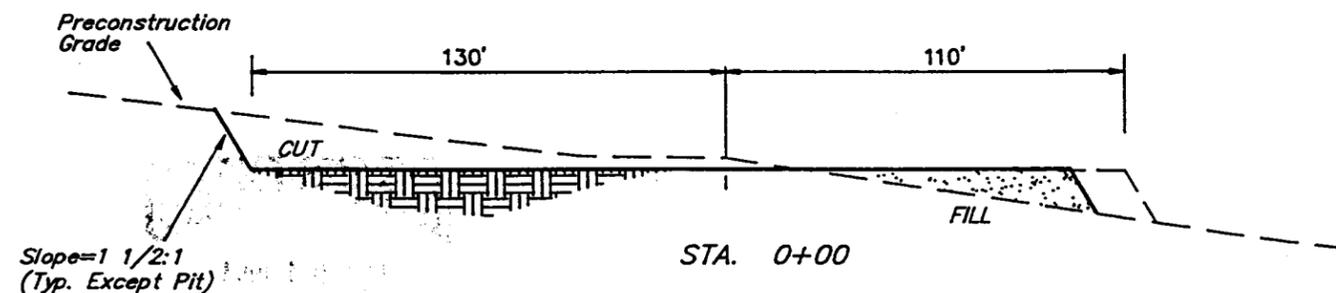
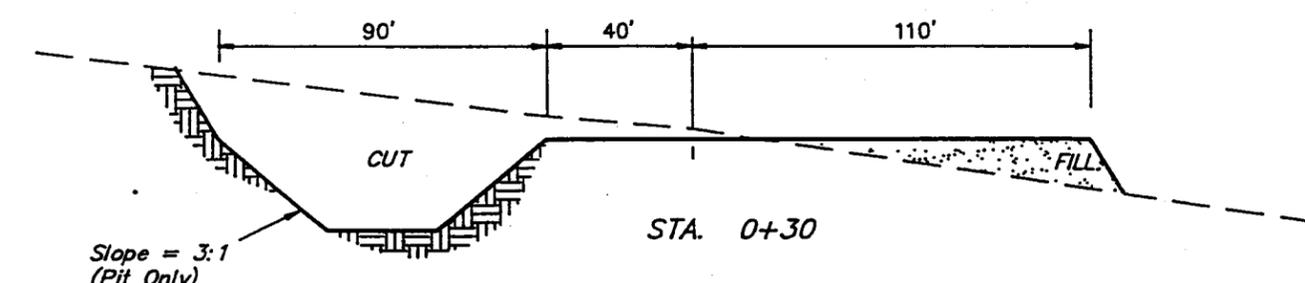
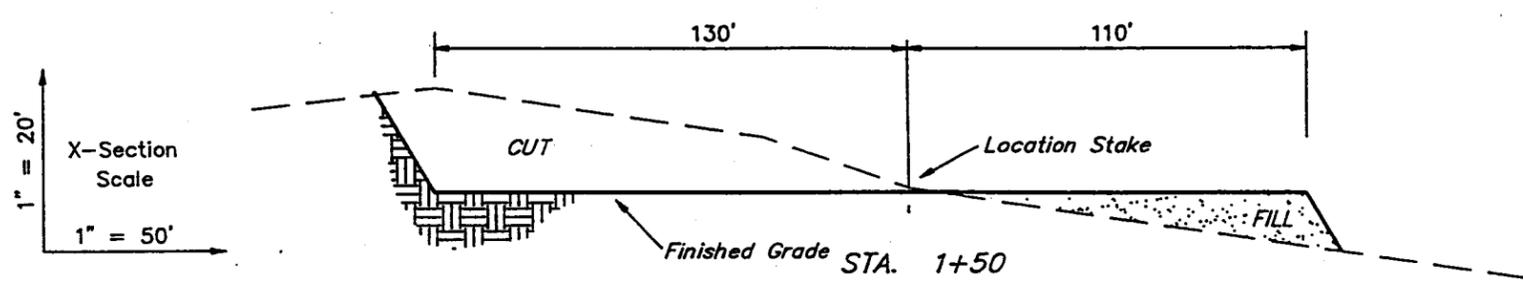
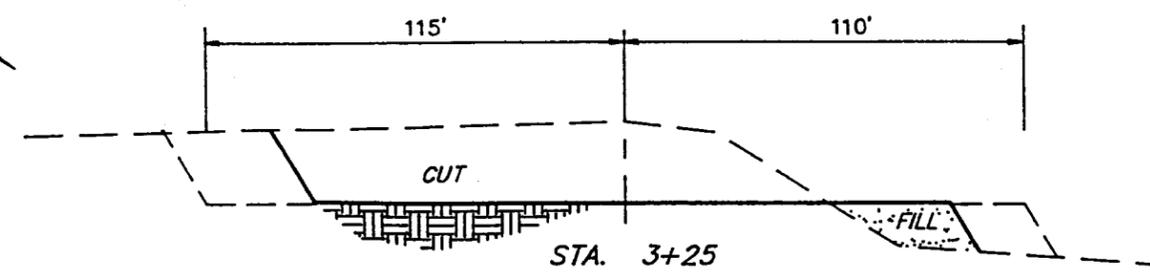
AMPOLEX (TEXAS) INC.

LOCATION LAYOUT FOR
SLIPSTREAM #1
SECTION 25, T36S, R24E, S.L.B.&M.
2545' FNL 587' FWL

TIGHT HOLE



SCALE: 1" = 50'
DATE: 10-23-93
Drawn By: R.E.H.
REVISED: 12-17-93 R.E.H.

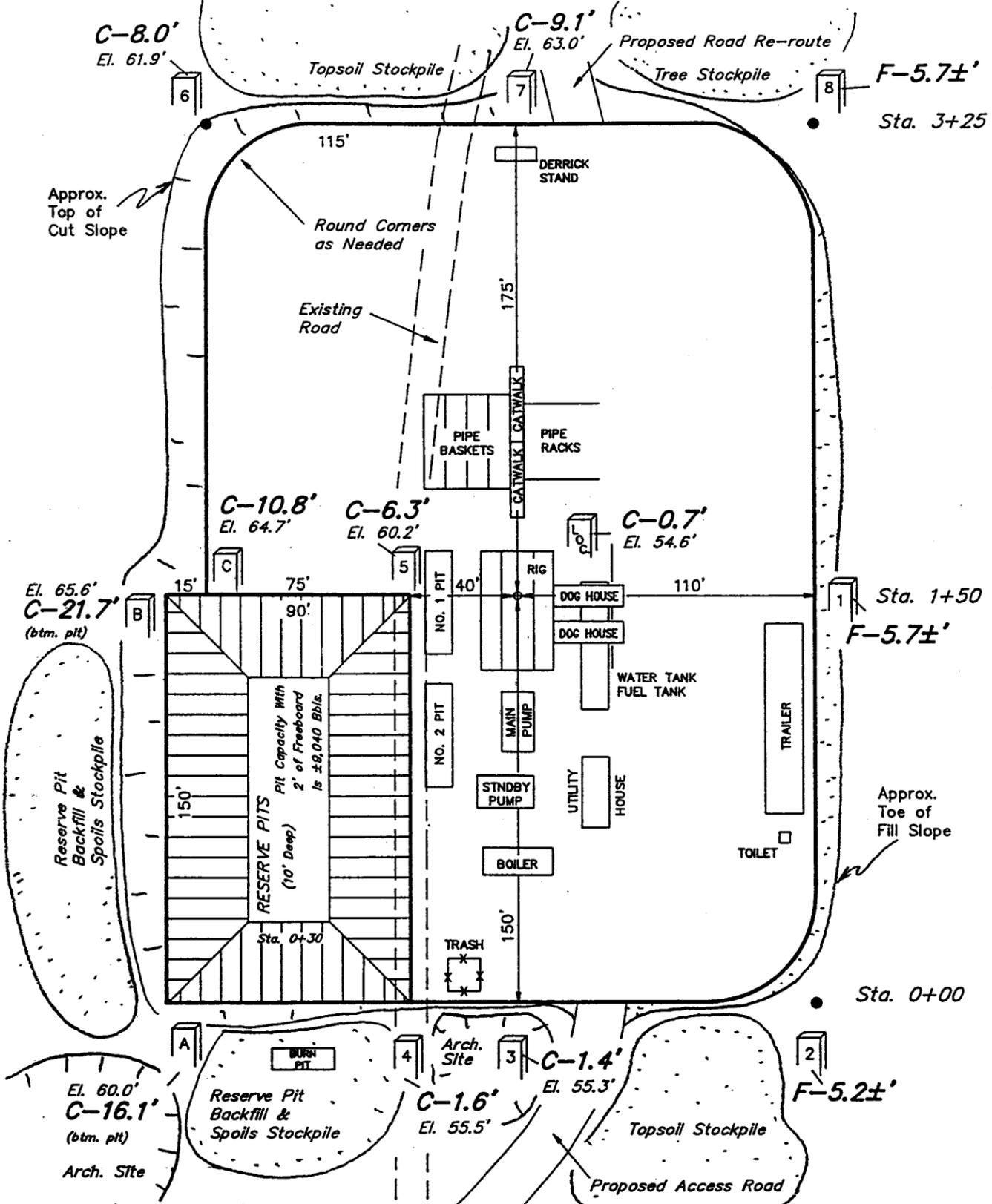


TYP. LOCATION LAYOUT

TYP. CROSS SECTIONS

NOTES:

Elev. Ungraded Ground At Loc. Stake = 5854.6'
FINISHED GRADE ELEV. AT LOC. STAKE = 5853.9'



APPROXIMATE YARDAGES

CUT	
(12") Topsoil Stripping	= 2,800 Cu. Yds.
Remaining Location	= 11,550 Cu. Yds.
TOTAL CUT	= 14,350 CU.YDS.
FILL	= 4,650 CU.YDS.

EXCESS MATERIAL AFTER 5% COMPACTION	= 9,460 Cu. Yds.
Topsoil & Pit Backfill (1/2 Pit Vol.)	= 4,190 Cu. Yds.
EXCESS CUT MATERIAL (After Rehabilitation)	= 5,270 Cu. Yds.

**WORKSHEET
APPLICATION FOR PERMIT TO DRILL**

APD RECEIVED: 01/04/94

API NO. ASSIGNED: 43-037-31737

WELL NAME: SLIPSTREAM 1
OPERATOR: AMPOLEX (TEXAS) INC. (N0385)

PROPOSED LOCATION:
SWNW 25 - T36S - R24E
SURFACE: 2545-FNL-0587-FWL
BOTTOM: 2545-FNL-0587-FWL
SAN JUAN COUNTY
WILDCAT FIELD (001)

INSPECT LOCATION BY: / /		
TECH REVIEW	Initials	Date
Engineering		
Geology		
Surface		

LEASE TYPE: FED
LEASE NUMBER: UTU-68672

RECEIVED AND/OR REVIEWED:

Y Plat
Y Bond: Federal State Fee
(Number 69HF3473)
N Potash (Y/N)
N Oil shale (Y/N)
N Water permit
(Number _____)
N RDCC Review (Y/N)
(Date: FEDERAL NOT REQUIRED)

LOCATION AND SITING:

___ R649-2-3. Unit: _____
___ R649-3-2. General.
 R649-3-3. Exception.
___ Drilling Unit.
Board Cause no: _____
Date: _____

COMMENTS: WELL SPACING EXCEPTION LETTER REQUESTED.

STIPULATIONS: ~~1. WATER SOURCE / PERMIT WILL BE FILED BY SANDOZ~~
Prior to 5/95

CONFIDENTIAL
PERIOD
EXPIRED
ON 7-13-95



AMPOLEX (USA), INC.

1050 SEVENTEENTH STREET, SUITE 2500
DENVER, CO 80265 U.S.A.

Telephone: (303) 595-9000

Fax: (303) 595-0110

Subsidiaries:

Ampolex (Orient), Inc.

Ampolex (Pacific), Inc.

Ampolex (Texas), Inc.

Ampolex (Wyoming), Inc.

January 25, 1994

Utah Board of Oil, Gas and Mining
Suite 350, 3 Triad Center
Salt Lake City, Utah 84180-1203

RE: Slipstream No. 1
2545' FNL & 587' FWL
Sec. 25, T36S, R24E
San Juan Co., Utah

43-037-31737

RECEIVED
JAN 27 1994
DIVISION OF
OIL, GAS & MINING

Gentlemen:

A copy of the federal APD form to drill the captioned well has been previously submitted to your office. The location of the well does not conform to statewide spacing rules, therefore, we request administrative approval for an exception to Rule RC16-6-2.

CONFIDENTIAL

The proposed well is located approximately 345 feet outside of the permissible 400 foot square window. This exception is requested in order to allow the proposed well to be situated at the optimum geologic structural position of the objective Desert Creek formation as indicated by seismic data. Ampolex is the lease owner of all surrounding spacing units to this proposed wellsite.

If you have any questions in this regard, please contact us at your earliest convenience.

Sincerely,

For and on behalf of
AMPOLEX (TEXAS), INC.

Robert C. Arceneaux
Senior Petroleum Engineer
AMPOLEX (USA), INC.



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

Michael O. Leavitt
Governor
Ted Stewart
Executive Director
James W. Carter
Division Director

355 West North Temple
3 Triad Center, Suite 350
Salt Lake City, Utah 84180-1203
801-538-5340
801-359-3940 (Fax)
801-538-5319 (TDD)

April 29, 1994

Ampolex (Texas), Inc.
1050 17th Street, Suite #2500
Denver, Colorado 80265

Re: Slipstream No. 1 Well, 2545' FNL, 587' FWL, SW NW, Sec. 25, T. 36 S., R. 24 E.,
San Juan County, Utah

Gentlemen:

Pursuant to Utah Admin. R. 649-3-3, Location and Siting of Wells and Utah Admin. R. 649-3-4, Permitting of Wells to be Drilled, Deepened or Plugged-Back, approval to drill the referenced well is hereby granted.

In addition, the following specific actions are necessary to fully comply with this approval:

1. Compliance with the requirements of Utah Admin. R. 649-1 et seq., the Oil and Gas Conservation General Rules.
2. Notification to the Division within 24 hours after drilling operations commence.
3. Submittal of Entity Action Form, Form 6, within five working days following commencement of drilling operations and whenever a change in operations or interests necessitates an entity status change.
4. Submittal of the Report of Water Encountered During Drilling, Form 7.
5. Prompt notification prior to commencing operations, if necessary, to plug and abandon the well. Notify Frank R. Matthews, Petroleum Engineer, (Office) (801)538-5340, (Home) (801)476-8613, or K. Michael Hebertson, Reclamation Specialist, (Home) (801)269-9212.
6. Compliance with the requirements of Utah Admin. R. 649-3-20, Gas Flaring or Venting, if the well is completed for production.



Page 2
Ampolex (Texas) Inc.
Slipstream No. 1 Well
April 29, 1994

This approval shall expire one year after date of issuance unless substantial and continuous operation is underway or a request for an extension is made prior to the approval expiration date. The API number assigned to this well is 43-037-31737.

Sincerely,



R.J. Firth
Associate Director

ldc
Enclosures
cc: San Juan County Assessor
Bureau of Land Management, Moab District Office
WOI1

TIGHT HOLE

UNITED STATES
DEPARTMENT OF THE INTERIOR
BUREAU OF LAND MANAGEMENT

APPLICATION FOR PERMIT TO DRILL, DEEPEN, OR PLUG BACK

1a. TYPE OF WORK
 DRILL DEEPEN PLUG BACK

b. TYPE OF WELL
 OIL WELL GAS WELL OTHER
 SINGLE ZONE MULTIPLE ZONE

2. NAME OF OPERATOR
 Ampolex (Texas), Inc.

3. ADDRESS OF OPERATOR
 1050 17th Street, Suite #2500, Denver, CO 80265 (303) 595-9000

4. LOCATION OF WELL (Report location clearly and in accordance with any State requirements.)
 At surface 2,545' FNL & 587' FWL SW NW
 At proposed prod. zone SAME **43-0377-31737**

14. DISTANCE IN MILES AND DIRECTION FROM NEAREST TOWN OR POST OFFICE*
 See Topo Map "A"

15. DISTANCE FROM PROPOSED* LOCATION TO NEAREST PROPERTY OR LEASE LINE, FT. (Also to nearest drlg. unit line, if any) 587'
 16. NO. OF ACRES IN LEASE 1600.00

18. DISTANCE FROM PROPOSED LOCATION* TO NEAREST WELL, DRILLING, COMPLETED, OR APPLIED FOR, ON THIS LEASE, FT. N/A
 19. PROPOSED DEPTH 6,230'

21. ELEVATIONS (Show whether DF, RT, GR, etc.) 5,855' GR (Un-Graded)

5. LEASE DESIGNATION AND SERIAL NO.
 UTU-68672
 6. IF INDIAN, ALLOTTEE OR TRIBE NAME

 7. UNIT AGREEMENT NAME

 8. FARM OR LEASE NAME
 Slipstream
 9. WELL NO.
 No. 1
 10. FIELD AND POOL, OR WILDCAT
 Wildcat
 11. SEC., T., R., M., OR BLK. AND SURVEY OR AREA
 Section 25-T36S-R24E
 12. COUNTY OR PARISH 13. STATE
 San Juan Utah

17. NO. OF ACRES ASSIGNED TO THIS WELL 40

20. ROTARY OR CABLE TOOLS
 Rotary

22. APPROX. DATE WORK WILL START*
 05/01/94

23. PROPOSED CASING AND CEMENTING PROGRAM

SIZE OF HOLE	SIZE OF CASING	WEIGHT PER FOOT	SETTING DEPTH	QUANTITY OF CEMENT
12-1/4"	8-5/8"	24#, J-55	1,750'	To surface
7-7/8"	5-1/2"	17#, K-55	TD	TOC above all pay zones

RECEIVED
 MAY 4 1994
 DIVISION OF
 OIL GAS & MINING

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

24. SIGNED Robert C. Arceneaux TITLE Senior Petroleum Engineer DATE 1/3/94

(This space for Federal or State office use)

PERMIT NO. _____ APPROVAL DATE _____

APPROVED BY Bl Brent Northrup Acting Associate District Manager DATE APR 28 1994

CONDITIONS OF APPROVAL, IF ANY:

FLARING OR VENTING OF GAS IS SUBJECT TO NTL 4-A
 Dated 1/1/80

CONDITIONS OF APPROVAL ATTACHED

*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.

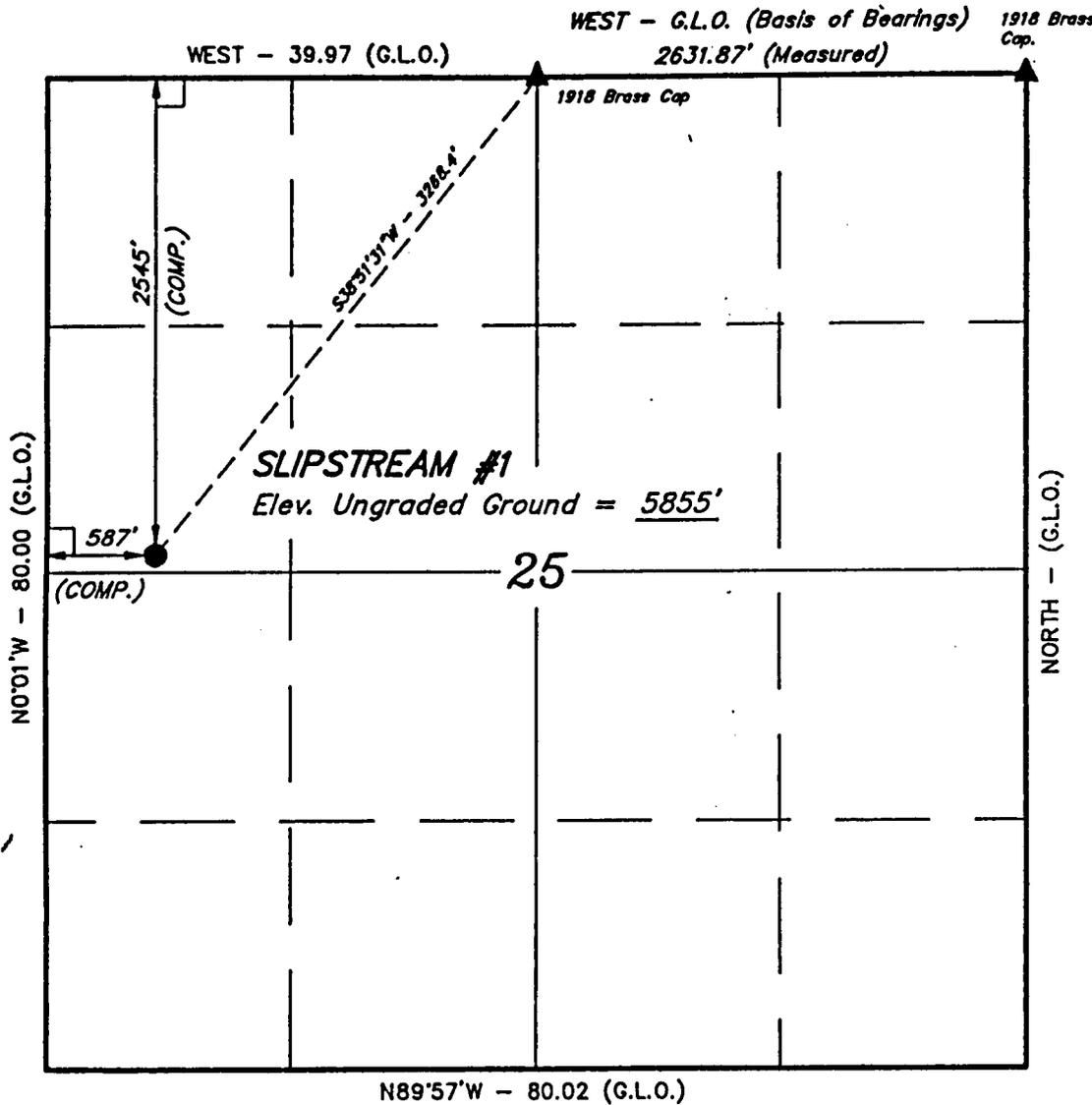
T36S, R24E, S.L.B.&M.

AMPOLEX (TEXAS), INC.

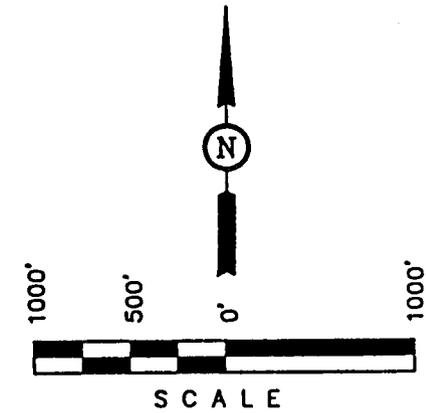
Well location, SLIPSTREAM #1, located as shown in the SW 1/4 NW 1/4 of Section 25, T36S, R24E, S.L.B.&M. San Juan County, Utah.

BASIS OF ELEVATION

PEARSON TRIANGULATION STATION 1954 LOCATED IN THE SW 1/4 OF SECTION 18, T36S, R25E, S.L.B.&M. TAKEN FROM THE HORSEHEAD POINT QUADRANGLE, UTAH, SAN JUAN COUNTY, 7.5 MINUTE QUAD. (TOPOGRAPHIC MAP) PUBLISHED BY THE UNITED STATES DEPARTMENT OF THE INTERIOR, GEOLOGICAL SURVEY. SAID ELEVATION IS MARKED AS BEING 6383 FEET.



NORTH - (G.L.O.)



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.

Robert L. Key
 REGISTERED LAND SURVEYOR
 REGISTRATION NO. 5709
 STATE OF UTAH

TIGHT HOLE

PROPOSED WELL HEAD
 STATE PLANE COORDINATES:

X = 2,655,154.418

Y = 358,109.221

LEGEND:

- └─┘ = 90° SYMBOL
- = PROPOSED WELL HEAD.
- ▲ = SECTION CORNERS LOCATED.

UINTAH ENGINEERING & LAND SURVEYING

85 SOUTH 200 EAST - VERNAL, UTAH 84078

(801) 789-1017

SCALE	1" = 1000'	DATE SURVEYED:	10-20-93	DATE DRAWN:	10-25-93
PARTY	L.D.T. R.A. R.E.H.	REFERENCES	G.L.O. PLAT		
WEATHER	COOL	FILE	AMPOLEX (TEXAS), INC.		

Ampolex (Texas), Inc.
Well No. Slipstream #1
SWNW Sec. 25, T.36S., R.24E.
San Juan County, Utah
Lease U-68672

CONDITIONS OF APPROVAL

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

Be advised that Ampolex (Texas), Inc. is considered to be the operator of the above well and is responsible under the terms and conditions of the lease for the operations conducted on the leased lands.

Bond coverage for this well is provided by Bond No. C00701, Nationwide Surety #69HF3973 (Principal -Ampolex (Texas), Inc.) via surety consent as provided for in 43 CFR 3104.2.

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

This permit will be valid for a period of one year from the date of approval. After permit termination, a new application must be filed for approval.

All lease operations will be conducted in full compliance with applicable regulations (43 CFR 3100), Onshore Oil and Gas Orders, lease terms, notices to lessees, and the approved plan of operations. The operator is fully responsible for the actions of his subcontractors. A copy of these conditions and the approved plan will be made available to field representatives to insure compliance.

A. DRILLING PROGRAM

1. Daily drilling and completion progress reports shall be submitted to the District office on a weekly basis.
2. The 3000 psi (3M) BOP system will be consistent with API RP 53 and Onshore Oil and Gas Order No. 2. Pressure tests of the surface casing and all BOP equipment potentially subject to pressure will be conducted before drilling the surface casing shoe. Blowout preventer controls will be installed prior to drilling the surface casing plug and will remain in use until the well is completed or abandoned. Annular preventers shall be inspected and operated weekly to ensure good mechanical working order. These inspections shall be recorded on the daily drilling report.
3. Operations authorized by this permit shall not be suspended for more than 30 days without prior approval of the Authorized Officer. All conditions of this approval shall be applicable during any operations conducted with a replacement rig.
4. The surface location of this well does not fall within a spacing "window" as prescribed by the State of Utah, Division of Oil, Gas and Mining (DOGGM). This location must have approval from DOGGM before dirt work can begin.
5. Ampolex must ensure that all fresh water and prospectively valuable minerals encountered during drilling are cased and cemented.
6. Surface casing must be cemented to surface.
7. No chromates may be used in any drilling fluids.
8. Centralizers shall be run, at a minimum, on the bottom three joints of each casing string.
9. When running DSTs, the initial opening of the test tool shall occur during daylight hours.

B. SURFACE STIPULATIONS

1. The following archaeological sites will be protected by the described actions.

42SA943-The site boundary and a reroute around the site will be flagged prior to any construction activity. Also the original road will be buried to prevent it's use.

42SA14358-The site boundary will be flagged prior to construction activity.

42SA14359-The existing road will be rerouted to avoid the site, and will be buried to prevent it's future use prior to construction activity.

42SA22497-A temporary fence will be constructed between the site and the well pad prior to construction activity.

42SA22498-The site boundary will be flagged prior to construction activity.

42SA22499-The existing road will be rerouted to avoid the site, and will be buried. Also, the reroute and the site boundary will be flagged.

2. A meeting with appropriate individuals directing the project to discuss the requirements of the Archaeological Resources Protection Act will be held prior to any dirt work being started on this project. All flagging will be removed from the archaeological sites and the reroutes when construction, development and rehabilitation activities have been completed. Finally, law enforcement ranger patrols will be increased in the area during all phases of development, production, and rehabilitation.
3. The petroleum products will be immediately removed from the reserve pit during drilling operations.

C. REQUIRED NOTIFICATIONS AND APPROVALS

Required verbal notifications are summarized in Table 1, attached.

Building Location- Contact the Resource Area, Natural Resource Protection Specialist at least 24 hours prior to commencing construction of location.

Spud- The spud date will be reported to the Resource Area Office 24 hours prior to spudding. Written notification in the form of a Sundry Notice (Form 3160-5) will be submitted to the District office within twenty-four (24) hours after spudding, regardless of whether spud was made with a dry hole digger or big rig.

Cultural Resources- If cultural resources are discovered during construction, work that might disturb the resources is to stop, and the Area Manager is to be notified.

First Production- A first production conference will be scheduled as soon as production testing begins and hydrocarbons reach the surface. This conference should be coordinated through the Resource Area Office.

Off-Lease Measurement, Storage, Commingling- Prior approval must be obtained from the Assistant District Manager for off-lease measurement, off-lease storage of commingling (either down-hole or at the surface).

Plugging and Abandonment- If the well is completed as a dry hole, plugging instructions must be obtained from the BLM, Moab District Office prior to initiating plugging operations. Table 1 of this document provides the after-hours phone numbers of personnel who are authorized to give plugging instructions.

NOTIFICATIONS

Notify Jeff Brown or Robert Larsen of the San Juan Resource Area, at (801) 587-2141 for the following:

2 days prior to commencement of dirt work, construction or reclamation;

1 day prior to spudding;

50 feet prior to reaching surface casing setting depth;

3 hours prior to testing BOPE;

If the person at the above number cannot be reached, notify the Moab District Office at (801) 259-6111. If unsuccessful, notify one of the people listed below.

Well abandonment operations require 24 hour advance notice and prior approval. In the case of newly drilled dry holes, verbal approval can be obtained by calling the Moab District Office, Branch of Fluid Minerals at (801) 259-6111. If approval is needed after work hours, you may contact the following:

Eric Jones, Petroleum Engineer	Office: (801) 259-6111
	Home: (801) 259-2214

Gary Torres, Petroleum Engineer	Office: (801) 259-6111
	Home: (801) 587-2705

CONFIDENTIAL

DIVISION OF OIL, GAS AND MINING

SPUDDING INFORMATION

NAME OF COMPANY: AMPOLEX

WELL NAME: SLIPSTREAM # 1

API NO. 43-037-31737

Section 25 Township 36S Range 24E County SAN JUAN

Drilling Contractor BIG "A"

Rig # 32

SPUDDED: Date 5/23/94

Time _____

How ROTARY

Drilling will commence _____

Reported by E. K. BOSTICK

Telephone # 1-303-560-1268

Date 5/20/94 SIGNED MKH

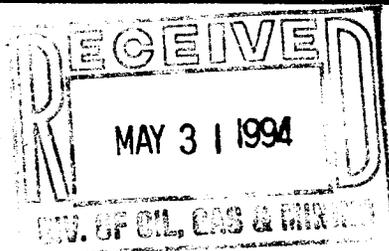
OPERATOR Ampolex (Texas) Inc.
ADDRESS 1050 17th Street, Suite 2500
Denver, CO 80265

OPERATOR ACCT. NO. N 0385

ACTION CODE	CURRENT ENTITY NO.	NEW ENTITY NO.	API NUMBER	WELL NAME	WELL LOCATION					SPUD DATE	EFFECTIVE DATE
					QQ	SC	TP	RG	COUNTY		
A	99999	11639	4303731737	Slipstream #1	SW/NW	25	24E	36S	San Juan	5/23/94	
WELL 1 COMMENTS: Moved in drilling rig and spudded 12-1/4" hole 5/23/94. Entity added 6-3-94. Lec											
WELL 2 COMMENTS:											
WELL 3 COMMENTS:											
WELL 4 COMMENTS:											
WELL 5 COMMENTS:											

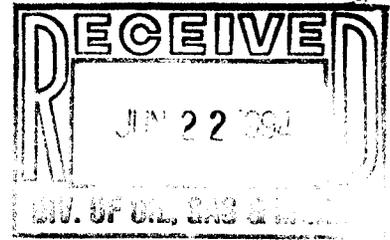
- ACTION CODES** (See instructions on back of form)
- A - Establish new entity for new well (single well only)
 - B - Add new well to existing entity (group or unit well)
 - C - Re-assign well from one existing entity to another existing entity
 - D - Re-assign well from one existing entity to a new entity
 - E - Other (explain in comments section)

NOTE: Use COMMENT section to explain why each Action Code was selected.



M. P. Parn
Signature
Senior Petroleum Engineer
Title
5/27/94
Date
Phone No. (303) 595-9000

Halliburton Energy Services
3110 E. Bloomfield Hwy.
Farmington, NM. 87401
06/13/94



State

Bureau of Land Management
District Office
P.O. Box 970
Moab, Utah. 84532

To whom it may concern:

Enclosed please find two revised final sets of compensated density / neutron logs. Please disregard the previous compensated density / neutron logs. We apologize for any inconvenience, if there are any questions please call 505-325-3545.

Sincerely,
Buddy Petersen
Buddy Petersen.

REPORT NO.
125048

PAGE NO. 1

TEST DATE:
10-JUN-1994

S T A R

Schlumberger Transient Analysis Report Pressure Data Report

Schlumberger

COMPANY: AMPOLEX

WELL: SLIPSTREAM #1 - DST #1

TEST IDENTIFICATION

Test Type OH-DST
Test No. DST #1
Formation PARADOX SALT
Test Interval (ft) 5950 to 6260
Depth Reference KB

WELL LOCATION

Field WILDCAT
County SAN JUAN
State UTAH
Sec/Twn/Rng 25/T36S/R24
Elevation (ft) 5870

HOLE CONDITIONS

Total Depth (MD/TVD) (ft) 6261
Hole Size (in) 7.875
Casing/Liner I.D. (in)
Tested Interval/Net Pay (ft) .. 310 / 17

MUD PROPERTIES

Mud Type BRINE BASE
Mud Weight (lb/gal) 11.6
Mud Resistivity (ohm.m) 0.052 @ 68F
Filtrate Resistivity (ohm.m) .. 0.050 @ 68F
Filtrate Chlorides (ppm) 180000

INITIAL TEST CONDITIONS

Initial Hydrostatic (psi) 4091
Gas Cushion Type NONE
Surface Pressure (psi) --
Liquid Cushion Type NONE
Cushion Length (ft) --

TEST STRING CONFIGURATION

Pipe Length (ft)/I.D. (in) ... 5490 / 3.80
Collar Length (ft)/I.D. (in) .. 462 / 2.25
Packer Depths (ft) 5944, 5950
Bottomhole Choke Size (in) ... 0.94
Gauge Depth (ft)/Type 5951 / MECH.

NET PIPE RECOVERY

Volume	Fluid Type	Properties
5 bbl	SGC MUD	Rw0.052@68F 180000pp

NET SAMPLE CHAMBER RECOVERY

Volume	Fluid Type	Properties
0.05 cuft	Gas	
2375 cc	Mud	Rw0.052@68F 180000p
Pressure: 258		GOR: 0
		GLR: 3

INTERPRETATION RESULTS

Model of Behavior
Fluid Type Used for Analysis ..
Reservoir Pressure (psi)
Transmissibility (md.ft/cp) ..
Effective Permeability (md) ..
Skin Factor/Damage Ratio
Storativity Ratio, Omega
Interporos.Flow Coef., Lambda ..
Distance to an Anomaly (ft) ..
Radius of Investigation (ft) ..
Potentiometric Surface (ft) ..

ROCK/FLUID/WELLBORE PROPERTIES

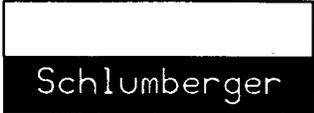
Oil Density (deg. API)
Basic Solids (%)
Gas Gravity
GOR (scf/STB)
Water Cut (%)
Viscosity (cp)
Total Compressibility (1/psi) ..
Porosity (%) 8
Reservoir Temperature (F) 138
Form.Vol.Factor (bbl/STB)

PRODUCTION RATE DURING TEST: xxxxxxxx

COMMENTS:

THIS TEST WAS MECHANICALLY SUCCESSFUL. THIS ZONE PRODUCED GAS AND GAS CUT MUD DURING THE DRILLSTEM TEST. THE GENERAL CHARACTER OF THE BUILDUP PLOTS SUGGEST THAT THE ZONE HAS LOW EFFECTIVE PERMEABILITY AND NO APPARENT WELLBORE DAMAGE. FOR QUESTIONS ABOUT THIS REPORT PLEASE CONTACT CLIFF RICHARDS AT (801) 789-3394.

SEQUENCE OF EVENTS



DATE	TIME (HR:MIN)	DESCRIPTION	ET (MINS)	BHP (PSIA)	WHP (PSIG)
06-JUN	14:33	TOOL OPENED - 1/8" CHOKE	-6		2950
06-JUN	14:39	START FLOW	0	3852	2950
06-JUN	14:44		5		2800
06-JUN	15:00		21		1800
06-JUN	15:15		36		1000
06-JUN	15:21	START SHUTIN	42	1863	900
06-JUN	16:08	END SHUTIN	89	2457	900
06-JUN	16:08	START FLOW	89		900
06-JUN	16:14		95		825
06-JUN	16:34		115		615
06-JUN	16:49		130		445
06-JUN	17:04		145		325
06-JUN	17:19		160		195
06-JUN	17:34		175		100
06-JUN	17:49		190		52
06-JUN	18:04		205		30
06-JUN	18:19		220		15
06-JUN	18:34		235		5
06-JUN	18:49	END FLOW & START SHUTIN	250		
06-JUN	22:56	END SHUTIN	497		

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BOTTOMHOLE PRESSURE LOG

FIELD REPORT NO. 125048

COMPANY : AMPOLEX

INSTRUMENT NO. 1238

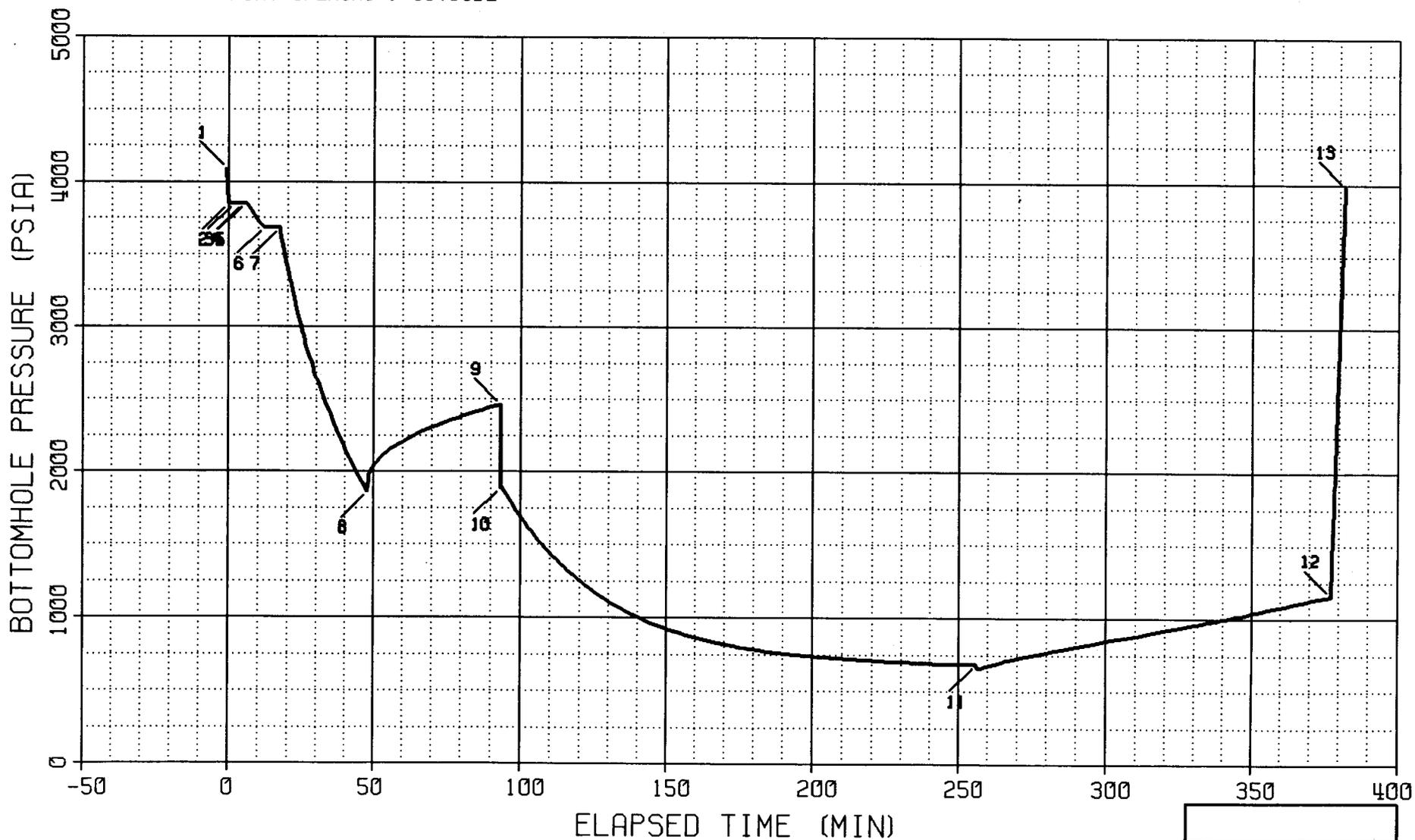
WELL : SLIPSTREAM #1

DEPTH : 5951 FT

CAPACITY : 4700 PSI

Mechanical Recorder Data

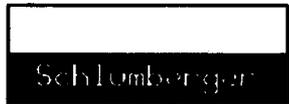
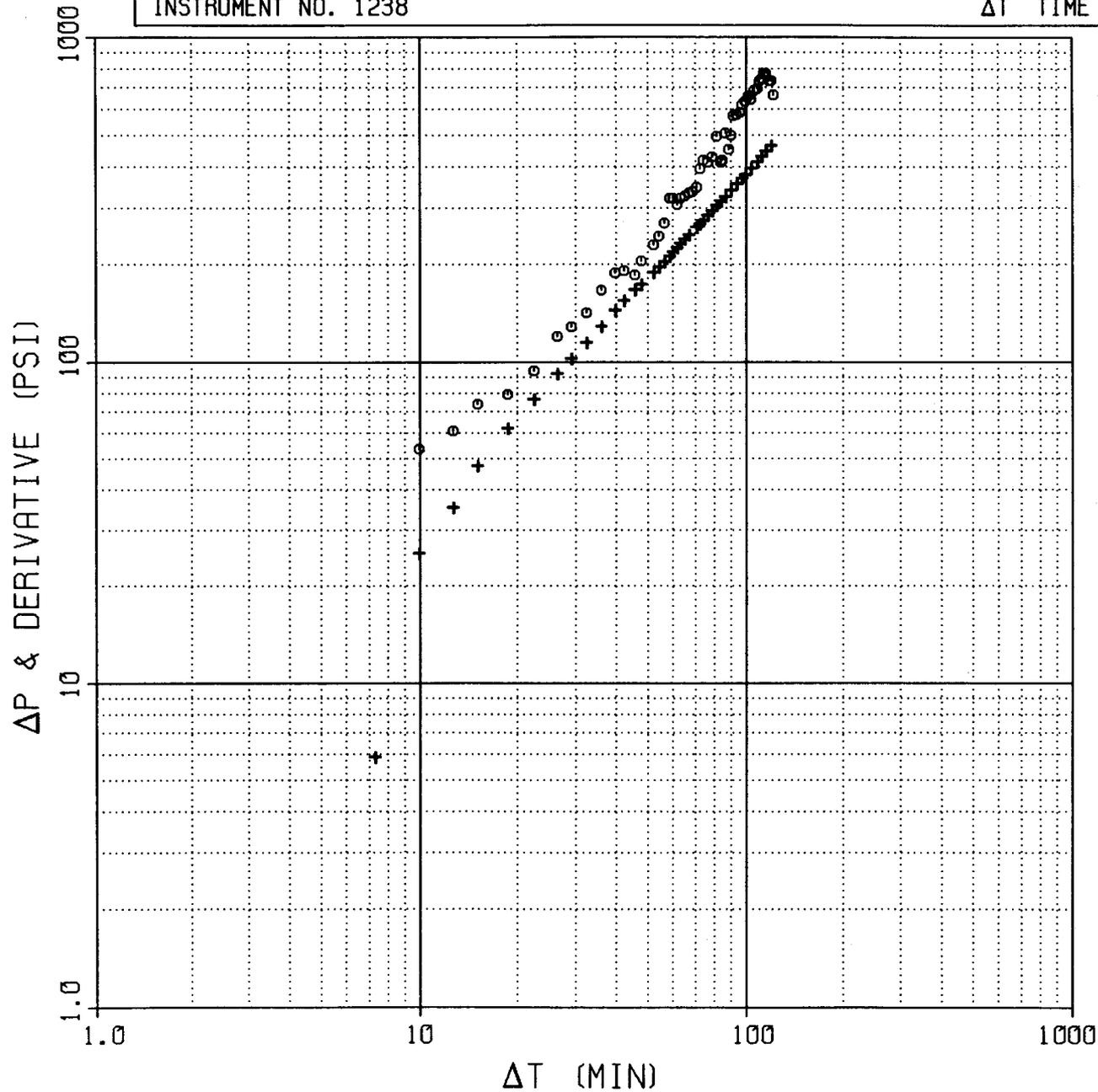
PORT OPENING : OUTSIDE

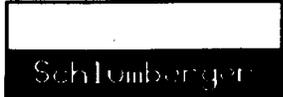
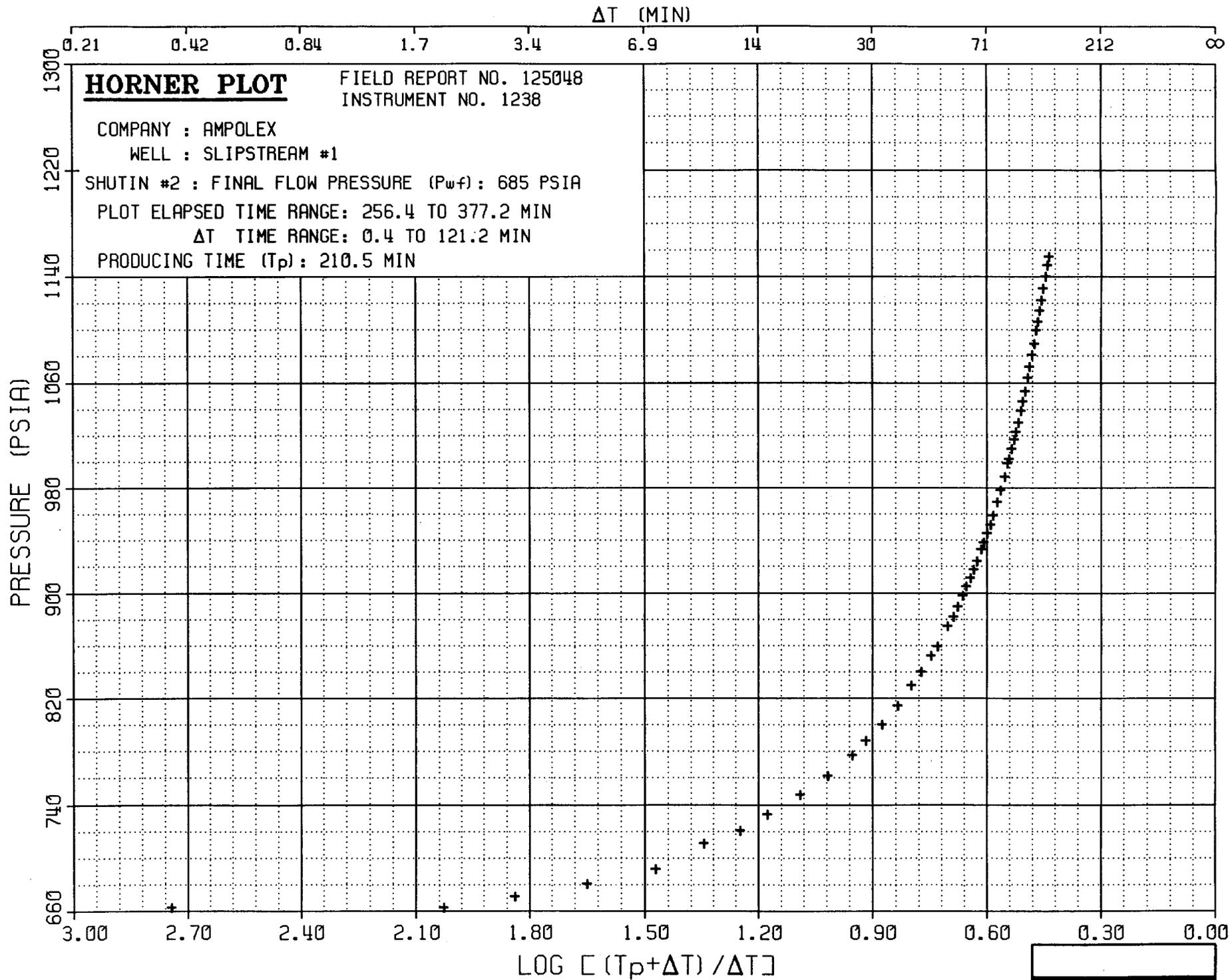


LOG LOG PLOT

COMPANY : AMPOLEX
WELL : SLIPSTREAM #1
FIELD REPORT NO. 125048
INSTRUMENT NO. 1238

SHUTIN #2 : PRODUCING TIME (T_p): 210.5 MIN
FINAL FLOW PRESSURE (P_{wf}): 685 PSIA
PLOT ELAPSED TIME RANGE: 263.3 TO 377.2 MIN
 ΔT TIME RANGE: 7.3 TO 121.2 MIN

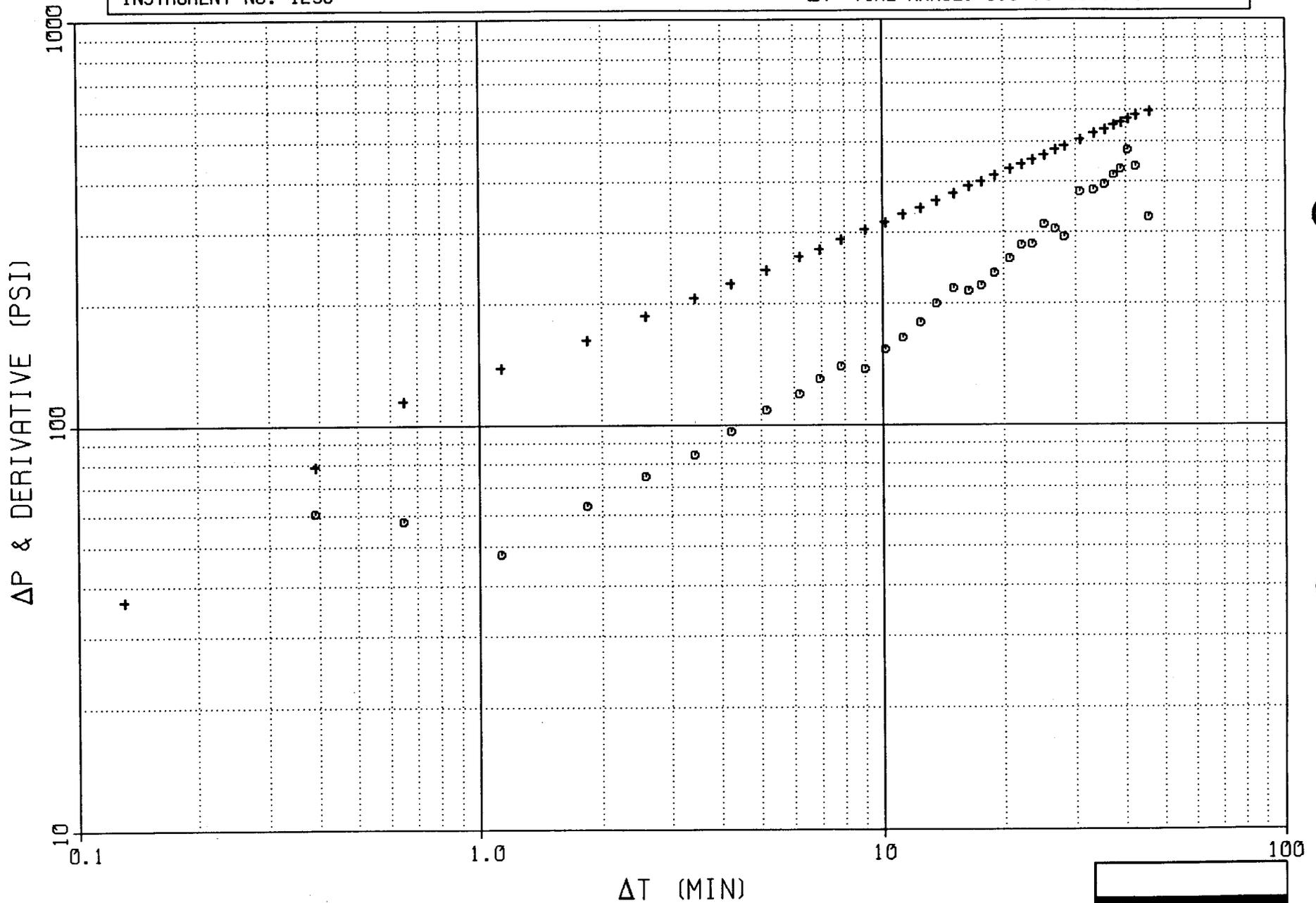




LOG LOG PLOT

COMPANY : AMPOLEX
WELL : SLIPSTREAM #1
FIELD REPORT NO. 125048
INSTRUMENT NO. 1238

SHUTIN #1 : PRODUCING TIME (T_p): 47.8 MIN
FINAL FLOW PRESSURE (P_{wf}): 1863 PSIA
PLOT ELAPSED TIME RANGE: 48.0 TO 93.3 MIN
 ΔT TIME RANGE: 0.1 TO 45.5 MIN



ΔT (MIN)

0.048 0.096 0.19 0.38 0.77 1.6 3.2 6.9 16 48 ∞

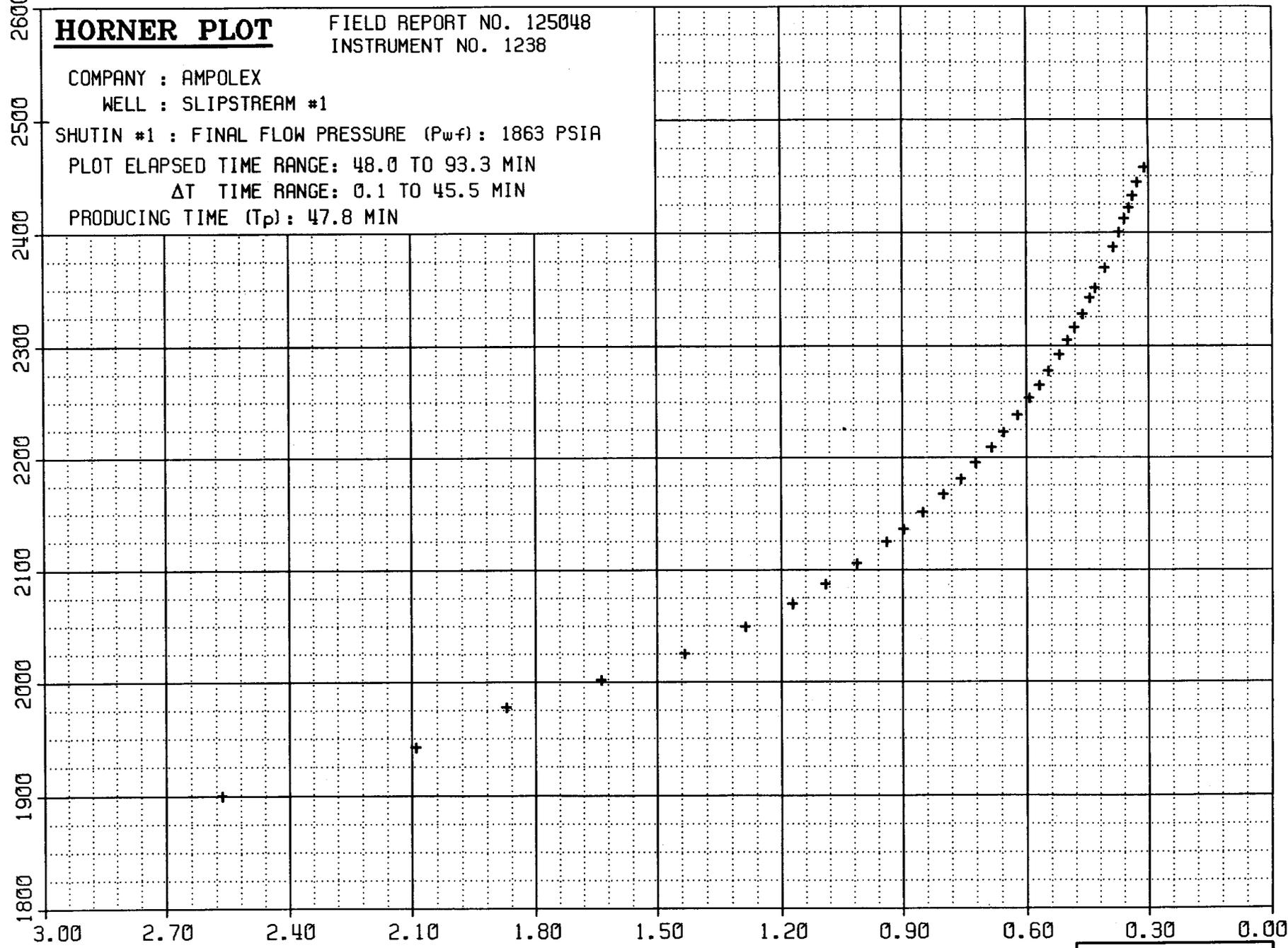
HORNER PLOT

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INSTRUMENT NO. 1238

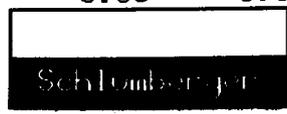
COMPANY : AMPOLEX
WELL : SLIPSTREAM #1

SHUTIN #1 : FINAL FLOW PRESSURE (P_{wf}): 1863 PSIA
PLOT ELAPSED TIME RANGE: 48.0 TO 93.3 MIN
 ΔT TIME RANGE: 0.1 TO 45.5 MIN
PRODUCING TIME (T_p): 47.8 MIN

PRESSURE (PSIA)



LOG [($T_p + \Delta T$) / ΔT]



 ** WELL TEST DATA PRINTOUT **

COMPANY: AMPOLEX
 WELL: SLIPSTREAM #1

FIELD REPORT NO. 125048
 INSTRUMENT NO. 1238

RECORDER CAPACITY: 4700 PSI PORT OPENING: OUTSIDE DEPTH: 5951 FT
 TEMPERATURE: 138 DEG F

LABEL POINT INFORMATION

#	TIME OF DAY HH:MM:SS	DATE DD-MMM	EXPLANATION	ELAPSED TIME, MIN	BOT HOLE PRESSURE PSIA
1	14:32:23	10-JUN	HYDROSTATIC MUD	-0.62	4091
2	14:33:00	10-JUN	START FLOW	0.00	3852
3	14:35:01	10-JUN	OPENED ON SURFACE	2.01	3852
4	14:38:00	10-JUN	CLOSED ON SURFACE	5.00	3852
5	14:38:47	10-JUN	OPENED ON SURFACE	5.78	3852
6	14:45:04	10-JUN	CLOSED ON SURFACE	12.06	3684
7	14:50:16	10-JUN	OPENED ON SURFACE	17.26	3684
8	15:20:49	10-JUN	END FLOW & START SHUT-IN	47.82	1863
9	16:06:20	10-JUN	END SHUT-IN & START FLOW	93.33	2457
10	16:06:24	10-JUN	OPENED ON SURFACE	93.40	1884
11	18:49:01	10-JUN	END FLOW & START SHUT-IN	256.02	685
12	20:50:11	10-JUN	END SHUT-IN	377.19	1155
13	20:54:40	10-JUN	HYDROSTATIC MUD	381.66	3987

SUMMARY OF FLOW PERIODS

PERIOD	START ELAPSED TIME, MIN	END ELAPSED TIME, MIN	DURATION MIN	START PRESSURE PSIA	END PRESSURE PSIA	INITIAL PRESSURE PSIA
1	0.00	47.82	47.82	3852	1863	3852
2	93.33	256.02	162.69	2457	685	2457

SUMMARY OF SHUTIN PERIODS

PERIOD	START ELAPSED TIME, MIN	END ELAPSED TIME, MIN	DURATION MIN	START PRESSURE PSIA	END PRESSURE PSIA	FINAL FLOW PRESSURE PSIA	PRODUCING TIME, MIN
1	47.82	93.33	45.51	1863	2457	1863	47.82
2	256.02	377.19	121.17	685	1155	685	210.51

TEST PHASE: FLOW PERIOD # 1

TIME OF DAY	DATE	ELAPSED TIME, MIN	DELTA TIME, MIN	BOT HOLE PRESSURE PSIA
HH:MM:SS	DD-MMM			
14:33:00	10-JUN	0.00	0.00	3852
14:48:50	10-JUN	15.83	15.83	3684
15:04:28	10-JUN	31.46	31.46	2577
15:19:55	10-JUN	46.91	46.91	1891
15:20:49	10-JUN	47.82	47.82	1863

TEST PHASE: SHUTIN PERIOD # 1

FINAL FLOW PRESSURE = 1863 PSIA

PRODUCING TIME = 47.82 MIN

TIME OF DAY	DATE	ELAPSED TIME, MIN	DELTA TIME, MIN	BOT HOLE PRESSURE PSIA	DELTA P PSI	LOG HORNERS TIME
HH:MM:SS	DD-MMM					
15:20:49	10-JUN	47.82	0.00	1863	0	
15:21:57	10-JUN	48.95	1.13	2001	139	1.6367
15:23:25	10-JUN	50.41	2.59	2049	186	1.2892
15:25:03	10-JUN	52.05	4.23	2087	224	1.0901
15:27:02	10-JUN	54.03	6.21	2124	262	0.9395
15:28:39	10-JUN	55.65	7.83	2151	288	0.8517
15:29:49	10-JUN	56.81	8.99	2167	304	0.8007
15:30:56	10-JUN	57.93	10.11	2181	318	0.7582
15:33:16	10-JUN	60.27	12.45	2209	346	0.6849
15:35:51	10-JUN	62.85	15.03	2238	375	0.6213
15:38:27	10-JUN	65.45	17.63	2264	401	0.5697
15:41:35	10-JUN	68.58	20.76	2292	429	0.5190
15:44:22	10-JUN	71.37	23.55	2316	453	0.4815
15:47:35	10-JUN	74.59	26.77	2342	479	0.4450
15:51:36	10-JUN	78.60	30.78	2368	506	0.4072
15:57:55	10-JUN	84.92	37.10	2412	550	0.3596
16:02:57	10-JUN	89.95	42.13	2444	581	0.3294
16:06:20	10-JUN	93.33	45.51	2457	594	0.3119

TEST PHASE: FLOW PERIOD # 2

TIME OF DAY	DATE	ELAPSED TIME, MIN	DELTA TIME, MIN	BOT HOLE PRESSURE PSIA
HH:MM:SS	DD-MMM			
16:06:20	10-JUN	93.33	0.00	2457
16:21:29	10-JUN	108.48	15.15	1473
16:37:56	10-JUN	124.94	31.61	1174
16:53:23	10-JUN	140.39	47.06	997
17:09:42	10-JUN	156.70	63.37	881
17:26:09	10-JUN	173.15	79.82	804
17:43:46	10-JUN	190.77	97.44	754
18:00:53	10-JUN	207.89	114.56	724
18:19:04	10-JUN	226.07	132.74	703
18:38:20	10-JUN	245.34	152.01	686
18:49:01	10-JUN	256.02	162.69	685

TEST PHASE: SHUTIN PERIOD # 2

FINAL FLOW PRESSURE = 685 PSIA

PRODUCING TIME = 210.51 MIN

TIME OF DAY HH:MM:SS	DATE DD-MMM	ELAPSED TIME, MIN	DELTA TIME, MIN	BOT HOLE PRESSURE PSIA	DELTA P PSI	LOG HORNER TIME
18:49:01	10-JUN	256.02	0.00	685	0	
18:51:01	10-JUN	258.01	1.99	662	-23	2.0285
18:52:07	10-JUN	259.11	3.09	671	-14	1.8396
18:53:52	10-JUN	260.86	4.84	680	-5	1.6483
18:56:20	10-JUN	263.33	7.31	691	6	1.4742
18:58:56	10-JUN	265.94	9.92	711	25	1.3468
19:01:34	10-JUN	268.57	12.55	721	35	1.2498
19:04:01	10-JUN	271.01	14.99	733	47	1.1773
19:07:35	10-JUN	274.59	18.57	748	62	1.0912
19:11:20	10-JUN	278.33	22.31	762	76	1.0185
19:15:20	10-JUN	282.33	26.31	777	91	0.9543
19:18:01	10-JUN	285.01	28.99	788	103	0.9171
19:21:21	10-JUN	288.35	32.33	800	115	0.8757
19:28:46	10-JUN	295.76	39.74	829	144	0.7991
19:34:47	10-JUN	301.79	45.77	852	166	0.7481
19:40:58	10-JUN	307.97	51.95	874	189	0.7035
19:47:19	10-JUN	314.31	58.29	898	212	0.6638
19:53:57	10-JUN	320.95	64.93	924	239	0.6276
19:59:38	10-JUN	326.63	70.61	946	260	0.6000
20:05:34	10-JUN	332.56	76.54	969	284	0.5741
20:12:38	10-JUN	339.64	83.62	999	313	0.5462
20:19:03	10-JUN	346.05	90.03	1023	337	0.5235
20:24:25	10-JUN	351.41	95.39	1046	360	0.5061
20:30:23	10-JUN	357.38	101.36	1072	386	0.4881
20:36:41	10-JUN	363.68	107.66	1099	414	0.4706
20:42:04	10-JUN	369.07	113.05	1122	436	0.4567
20:48:19	10-JUN	375.31	119.29	1148	463	0.4416
20:50:11	10-JUN	377.19	121.17	1155	469	0.4373

S T A R

Schlumberger Transient Analysis Report Pressure Data Report

Schlumberger

REPORT NO.
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PAGE NO. 1

TEST DATE:
10-JUN-1994

Sec 25 T365 R24E 43-037-31737

COMPANY: AMPOLEX	WELL: SLIPSTREAM #1 - DST #1																														
TEST IDENTIFICATION Test Type OH-DST Test No. DST #1 Formation PARADOX SALT Test Interval (ft) 5950 to 6260 Depth Reference KB	WELL LOCATION Field WILDCAT County SAN JUAN State UTAH Sec/Twn/Rng 25/T36S/R24 Elevation (ft) 5870																														
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INITIAL TEST CONDITIONS Initial Hydrostatic (psi) 4091 Gas Cushion Type NONE Surface Pressure (psi) -- Liquid Cushion Type NONE Cushion Length (ft) --	TEST STRING CONFIGURATION Pipe Length (ft)/I.D. (in) ... 5490 / 3.80 Collar Length (ft)/I.D. (in) .. 462 / 2.25 Packer Depths (ft) 5944, 5950 Bottomhole Choke Size (in) ... 0.94 Gauge Depth (ft)/Type 5951 / MECH.																														
NET PIPE RECOVERY <table border="1" style="width: 100%; border-collapse: collapse;"> <thead> <tr> <th>Volume</th> <th>Fluid Type</th> <th>Properties</th> </tr> </thead> <tbody> <tr> <td>5 bbl</td> <td>SGC MUD</td> <td>Rw0.052@68F 180000pp</td> </tr> <tr> <td> </td> <td> </td> <td> </td> </tr> <tr> <td> </td> <td> </td> <td> </td> </tr> <tr> <td> </td> <td> </td> <td> </td> </tr> </tbody> </table>	Volume	Fluid Type	Properties	5 bbl	SGC MUD	Rw0.052@68F 180000pp										NET SAMPLE CHAMBER RECOVERY <table border="1" style="width: 100%; border-collapse: collapse;"> <thead> <tr> <th>Volume</th> <th>Fluid Type</th> <th>Properties</th> </tr> </thead> <tbody> <tr> <td>0.05 cuft</td> <td>Gas</td> <td> </td> </tr> <tr> <td>2375 cc</td> <td>Mud</td> <td>Rw0.052@68F 180000pp</td> </tr> <tr> <td> </td> <td> </td> <td> </td> </tr> <tr> <td> </td> <td> </td> <td> </td> </tr> </tbody> </table> <p>Pressure: 258 GOR: 0 GLR: 3</p>	Volume	Fluid Type	Properties	0.05 cuft	Gas		2375 cc	Mud	Rw0.052@68F 180000pp						
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PRODUCTION RATE DURING TEST: xxxxxxxx

COMMENTS:

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PAGE NO. 3

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BOTTOMHOLE PRESSURE LOG

FIELD REPORT NO. 125048

COMPANY : AMPOLEX

INSTRUMENT NO. 1238

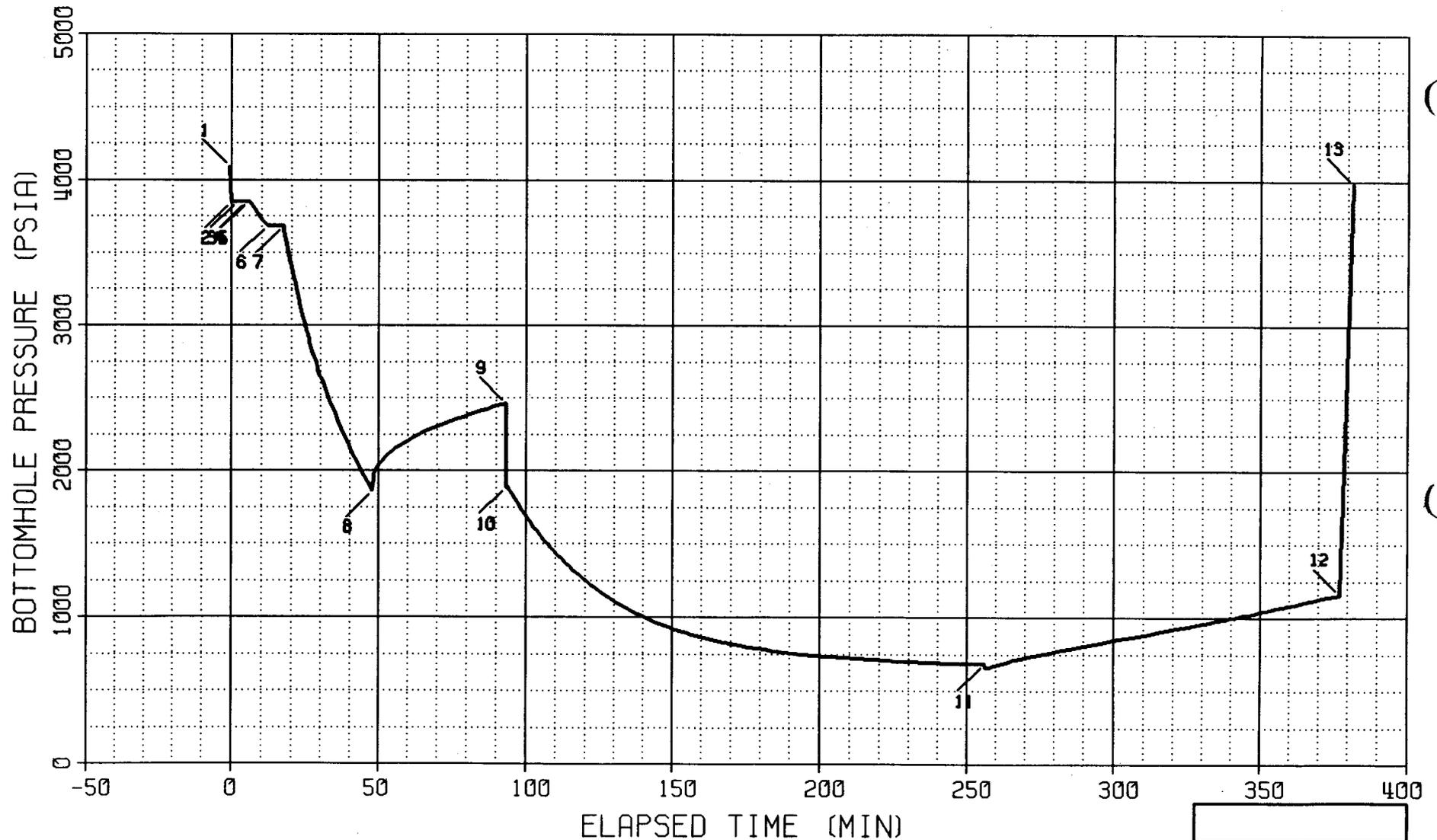
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DEPTH : 5951 FT

CAPACITY : 4700 PSI

Mechanical Recorder Data

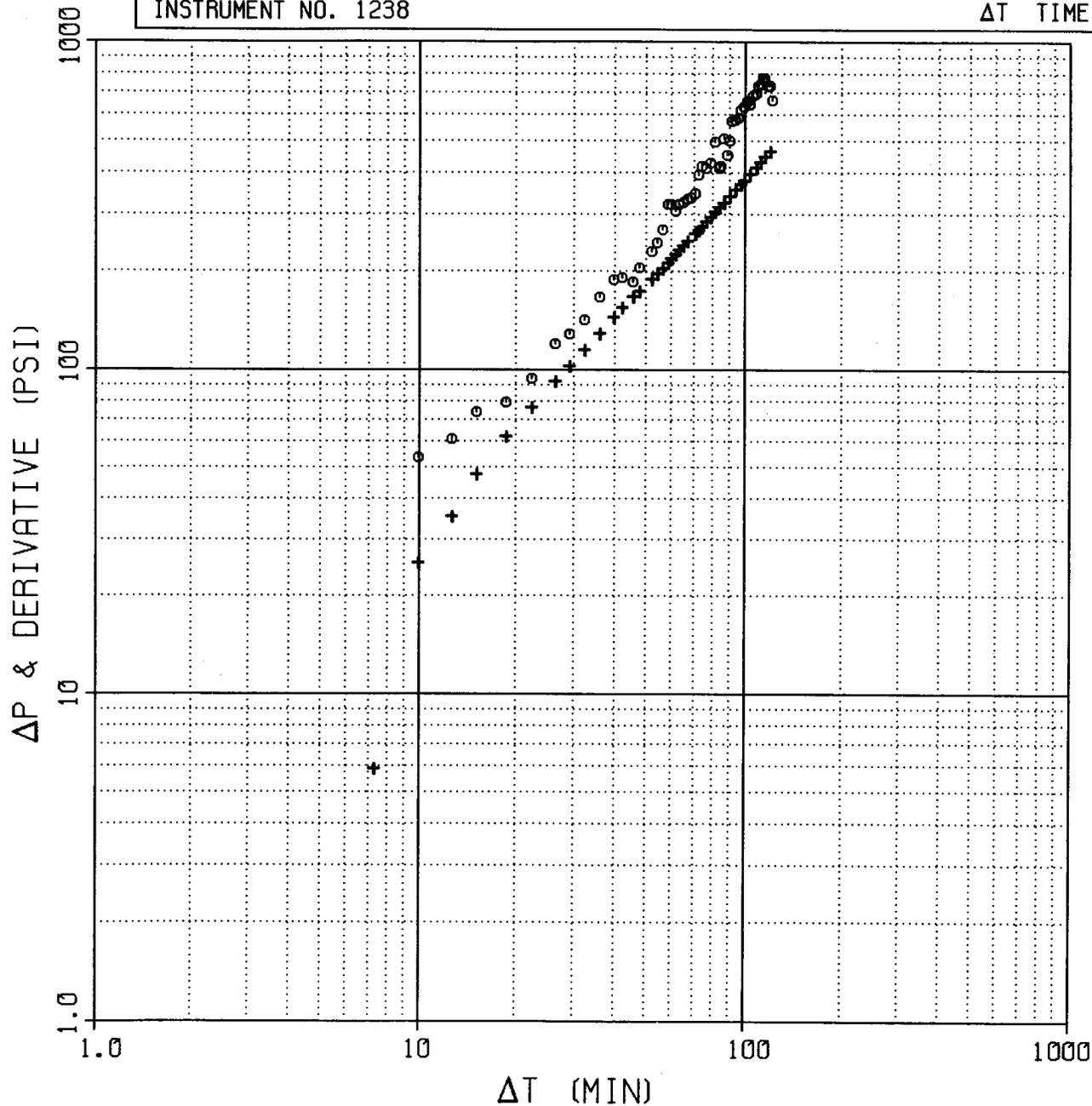
PORT OPENING : OUTSIDE



LOG LOG PLOT

COMPANY : AMPOLEX
WELL : SLIPSTREAM #1
FIELD REPORT NO. 125048
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SHUTIN #2 : PRODUCING TIME (T_p): 210.5 MIN
FINAL FLOW PRESSURE (P_{wf}): 685 PSIA
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 ΔT TIME RANGE: 7.3 TO 121.2 MIN



ΔT (MIN)

0.21 0.42 0.84 1.7 3.4 6.9 14 30 71 212 ∞

HORNER PLOT

FIELD REPORT NO. 125048
INSTRUMENT NO. 1238

COMPANY : AMPOLEX

WELL : SLIPSTREAM #1

SHUTIN #2 : FINAL FLOW PRESSURE (P_{wf}) : 685 PSIA

PLOT ELAPSED TIME RANGE: 256.4 TO 377.2 MIN

ΔT TIME RANGE: 0.4 TO 121.2 MIN

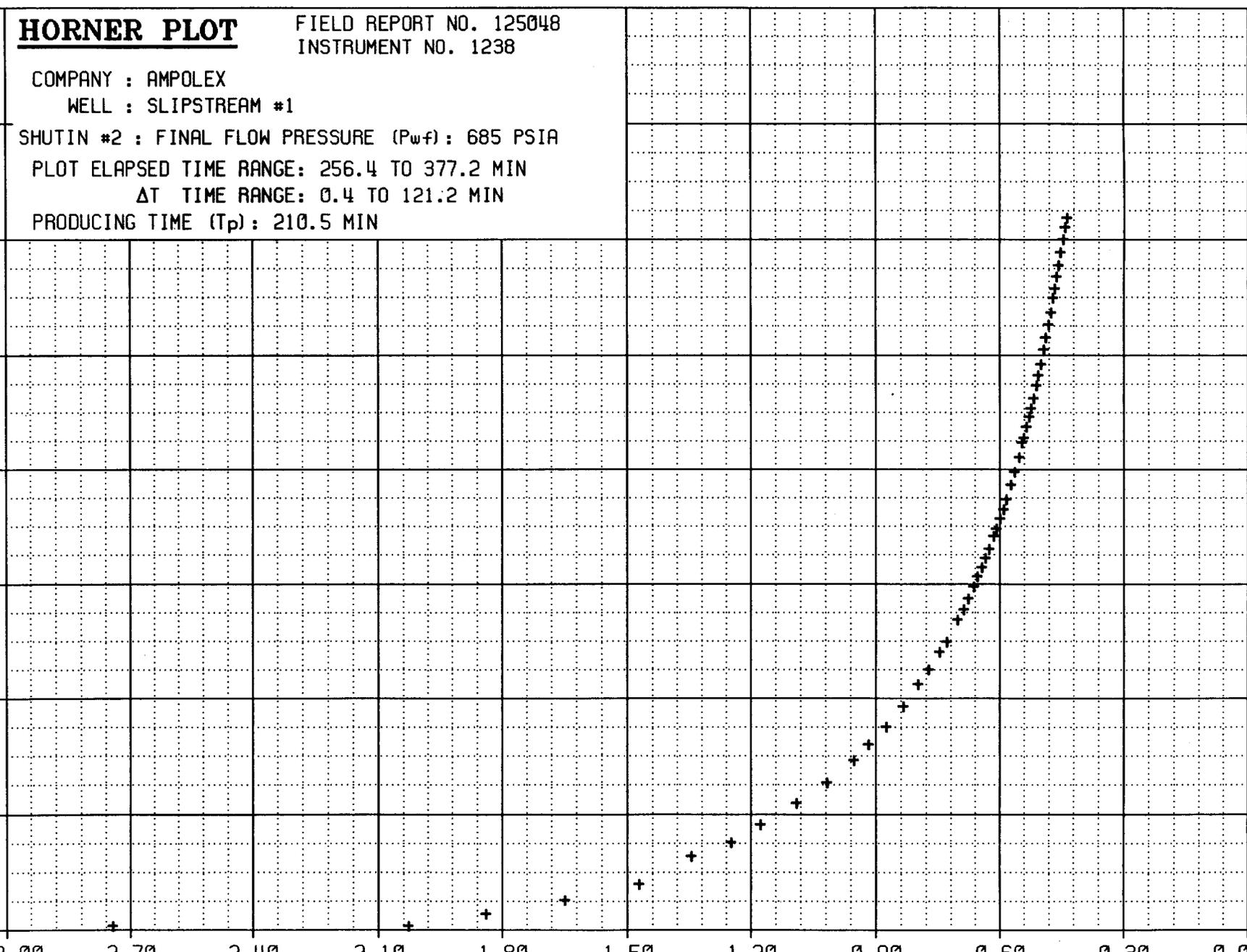
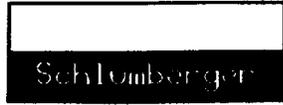
PRODUCING TIME (T_p) : 210.5 MIN

PRESSURE (PSIA)

1300
1220
1140
1060
980
900
820
740
660

3.00 2.70 2.40 2.10 1.80 1.50 1.20 0.90 0.60 0.30 0.00

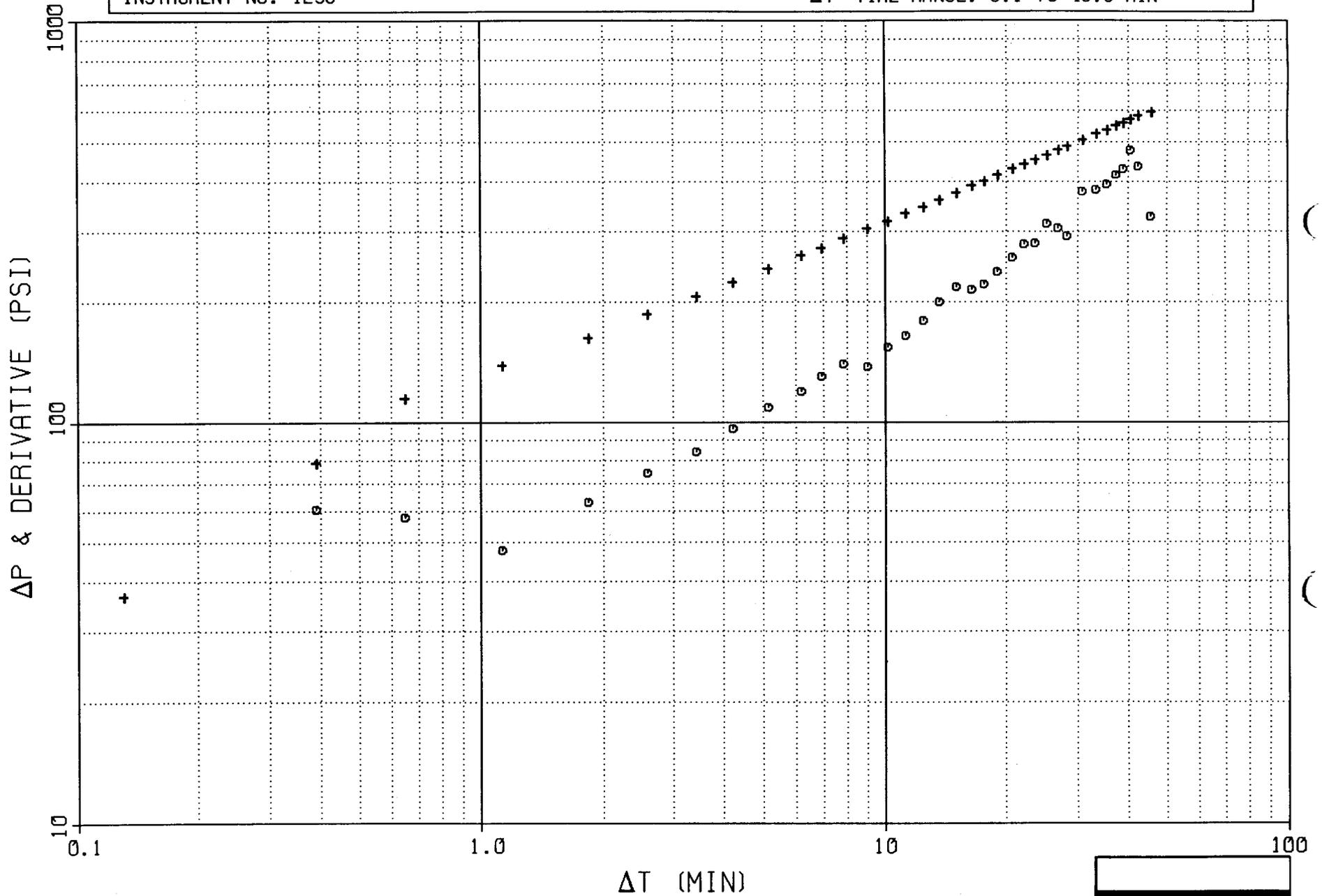
LOG [(T_p+ΔT) / ΔT]



LOG LOG PLOT

COMPANY : AMPOLEX
WELL : SLIPSTREAM #1
FIELD REPORT NO. 125048
INSTRUMENT NO. 1238

SHUTIN #1 : PRODUCING TIME (T_p): 47.8 MIN
FINAL FLOW PRESSURE (P_{wf}): 1863 PSIA
PLOT ELAPSED TIME RANGE: 48.0 TO 93.3 MIN
 ΔT TIME RANGE: 0.1 TO 45.5 MIN



ΔT (MIN)

0.048 0.096 0.19 0.38 0.77 1.6 3.2 6.9 16 48 ∞

HORNER PLOT

FIELD REPORT NO. 125048
INSTRUMENT NO. 1238

COMPANY : AMPOLEX

WELL : SLIPSTREAM #1

SHUTIN #1 : FINAL FLOW PRESSURE (Pwf) : 1863 PSIA

PLOT ELAPSED TIME RANGE: 48.0 TO 93.3 MIN

ΔT TIME RANGE: 0.1 TO 45.5 MIN

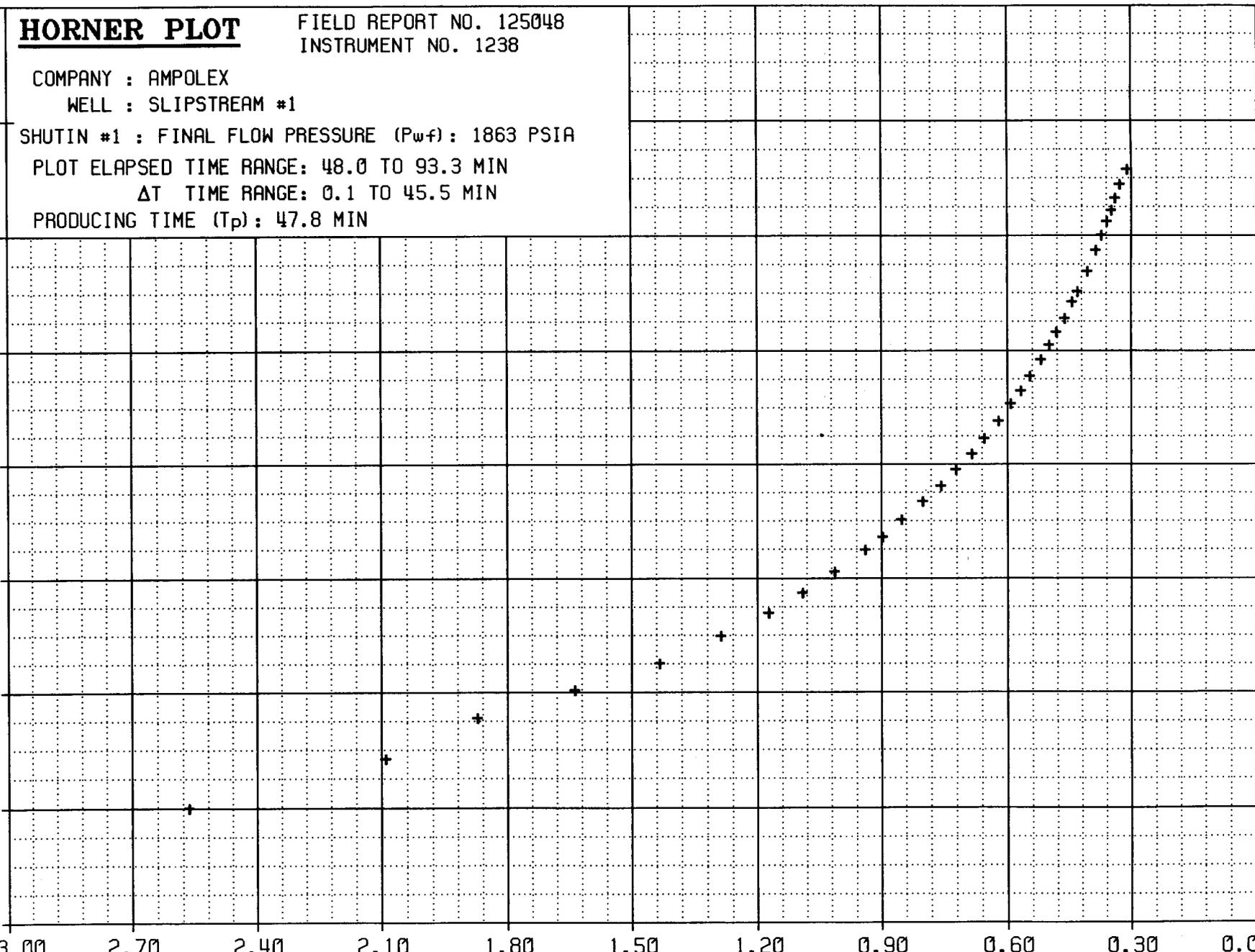
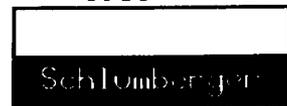
PRODUCING TIME (Tp) : 47.8 MIN

PRESSURE (PSIA)

2600
2500
2400
2300
2200
2100
2000
1900
1800

3.00 2.70 2.40 2.10 1.80 1.50 1.20 0.90 0.60 0.30 0.00

LOG [(Tp+ΔT) / ΔT]



 ** WELL TEST DATA PRINTOUT **

COMPANY: AMPOLEX
 WELL: SLIPSTREAM #1

FIELD REPORT NO. 125048
 INSTRUMENT NO. 1238

RECORDER CAPACITY: 4700 PSI PORT OPENING: OUTSIDE DEPTH: 5951 FT
 TEMPERATURE: 138 DEG F

LABEL POINT INFORMATION

#	TIME	DATE	EXPLANATION	ELAPSED TIME, MIN	BOT HOLE
	OF DAY HH:MM:SS				DD-MMM
1	14:32:23	10-JUN	HYDROSTATIC MUD	-0.62	4091
2	14:33:00	10-JUN	START FLOW	0.00	3852
3	14:35:01	10-JUN	OPENED ON SURFACE	2.01	3852
4	14:38:00	10-JUN	CLOSED ON SURFACE	5.00	3852
5	14:38:47	10-JUN	OPENED ON SURFACE	5.78	3852
6	14:45:04	10-JUN	CLOSED ON SURFACE	12.06	3684
7	14:50:16	10-JUN	OPENED ON SURFACE	17.26	3684
8	15:20:49	10-JUN	END FLOW & START SHUT-IN	47.82	1863
9	16:06:20	10-JUN	END SHUT-IN & START FLOW	93.33	2457
10	16:06:24	10-JUN	OPENED ON SURFACE	93.40	1884
11	18:49:01	10-JUN	END FLOW & START SHUT-IN	256.02	685
12	20:50:11	10-JUN	END SHUT-IN	377.19	1155
13	20:54:40	10-JUN	HYDROSTATIC MUD	381.66	3987

SUMMARY OF FLOW PERIODS

PERIOD	START ELAPSED TIME, MIN	END ELAPSED TIME, MIN	DURATION MIN	START PRESSURE PSIA	END PRESSURE PSIA	INITIAL PRESSURE PSIA
1	0.00	47.82	47.82	3852	1863	3852
2	93.33	256.02	162.69	2457	685	2457

SUMMARY OF SHUTIN PERIODS

PERIOD	START ELAPSED TIME, MIN	END ELAPSED TIME, MIN	DURATION MIN	START PRESSURE PSIA	END PRESSURE PSIA	FINAL FLOW PRESSURE PSIA	PRODUCING TIME, MIN
1	47.82	93.33	45.51	1863	2457	1863	47.82
2	256.02	377.19	121.17	685	1155	685	210.51

TEST PHASE: FLOW PERIOD # 1

TIME OF DAY	DATE	ELAPSED	DELTA	BOT HOLE PRESSURE
HH:MM:SS	DD-MMM	TIME, MIN	TIME, MIN	PSIA
14:33:00	10-JUN	0.00	0.00	3852
14:48:50	10-JUN	15.83	15.83	3684
15:04:28	10-JUN	31.46	31.46	2577
15:19:55	10-JUN	46.91	46.91	1891
15:20:49	10-JUN	47.82	47.82	1863

TEST PHASE: SHUTIN PERIOD # 1

FINAL FLOW PRESSURE = 1863 PSIA
PRODUCING TIME = 47.82 MIN

TIME OF DAY	DATE	ELAPSED	DELTA	BOT HOLE PRESSURE	DELTA P	LOG HORNER
HH:MM:SS	DD-MMM	TIME, MIN	TIME, MIN	PSIA	PSI	TIME
15:20:49	10-JUN	47.82	0.00	1863	0	
15:21:57	10-JUN	48.95	1.13	2001	139	1.6367
15:23:25	10-JUN	50.41	2.59	2049	186	1.2892
15:25:03	10-JUN	52.05	4.23	2087	224	1.0901
15:27:02	10-JUN	54.03	6.21	2124	262	0.9395
15:28:39	10-JUN	55.65	7.83	2151	288	0.8517
15:29:49	10-JUN	56.81	8.99	2167	304	0.8007
15:30:56	10-JUN	57.93	10.11	2181	318	0.7582
15:33:16	10-JUN	60.27	12.45	2209	346	0.6849
15:35:51	10-JUN	62.85	15.03	2238	375	0.6213
15:38:27	10-JUN	65.45	17.63	2264	401	0.5697
15:41:35	10-JUN	68.58	20.76	2292	429	0.5190
15:44:22	10-JUN	71.37	23.55	2316	453	0.4815
15:47:35	10-JUN	74.59	26.77	2342	479	0.4450
15:51:36	10-JUN	78.60	30.78	2368	506	0.4072
15:57:55	10-JUN	84.92	37.10	2412	550	0.3596
16:02:57	10-JUN	89.95	42.13	2444	581	0.3294
16:06:20	10-JUN	93.33	45.51	2457	594	0.3119

TEST PHASE: FLOW PERIOD # 2

TIME OF DAY	DATE	ELAPSED	DELTA	BOT HOLE PRESSURE
HH:MM:SS	DD-MMM	TIME, MIN	TIME, MIN	PSIA
16:06:20	10-JUN	93.33	0.00	2457
16:21:29	10-JUN	108.48	15.15	1473
16:37:56	10-JUN	124.94	31.61	1174
16:53:23	10-JUN	140.39	47.06	997
17:09:42	10-JUN	156.70	63.37	881
17:26:09	10-JUN	173.15	79.82	804
17:43:46	10-JUN	190.77	97.44	754
18:00:53	10-JUN	207.89	114.56	724
18:19:04	10-JUN	226.07	132.74	703
18:38:20	10-JUN	245.34	152.01	686
18:49:01	10-JUN	256.02	162.69	685

TEST PHASE: SHUTIN PERIOD # 2

FINAL FLOW PRESSURE = 685 PSIA
PRODUCING TIME = 210.51 MIN

TIME OF DAY HH:MM:SS	DATE DD-MMM	ELAPSED TIME, MIN	DELTA TIME, MIN	BOT HOLE PRESSURE PSIA	DELTA P PSI	LOG HORNER TIME
18:49:01	10-JUN	256.02	0.00	685	0	
18:51:01	10-JUN	258.01	1.99	662	-23	2.0285
18:52:07	10-JUN	259.11	3.09	671	-14	1.8396
18:53:52	10-JUN	260.86	4.84	680	-5	1.6483
18:56:20	10-JUN	263.33	7.31	691	6	1.4742
18:58:56	10-JUN	265.94	9.92	711	25	1.3468
19:01:34	10-JUN	268.57	12.55	721	35	1.2498
19:04:01	10-JUN	271.01	14.99	733	47	1.1773
19:07:35	10-JUN	274.59	18.57	748	62	1.0912
19:11:20	10-JUN	278.33	22.31	762	76	1.0185
19:15:20	10-JUN	282.33	26.31	777	91	0.9543
19:18:01	10-JUN	285.01	28.99	788	103	0.9171
19:21:21	10-JUN	288.35	32.33	800	115	0.8757
19:28:46	10-JUN	295.76	39.74	829	144	0.7991
19:34:47	10-JUN	301.79	45.77	852	166	0.7481
19:40:58	10-JUN	307.97	51.95	874	189	0.7035
19:47:19	10-JUN	314.31	58.29	898	212	0.6638
19:53:57	10-JUN	320.95	64.93	924	239	0.6276
19:59:38	10-JUN	326.63	70.61	946	260	0.6000
20:05:34	10-JUN	332.56	76.54	969	284	0.5741
20:12:38	10-JUN	339.64	83.62	999	313	0.5462
20:19:03	10-JUN	346.05	90.03	1023	337	0.5235
20:24:25	10-JUN	351.41	95.39	1046	360	0.5061
20:30:23	10-JUN	357.38	101.36	1072	386	0.4881
20:36:41	10-JUN	363.68	107.66	1099	414	0.4706
20:42:04	10-JUN	369.07	113.05	1122	436	0.4567
20:48:19	10-JUN	375.31	119.29	1148	463	0.4416
20:50:11	10-JUN	377.19	121.17	1155	469	0.4373

CONFIDENTIAL

STATE OF UTAH

SUBMIT IN DUPLICATE*

(See other instructions on reverse side)

OIL & GAS CONSERVATION COMMISSION

RECEIVED
JUL 18 1994

5. LEASE DESIGNATION AND SERIAL NO.
UTU 6872

6. IF INDIAN, ALLOTTEE OR TRIBE NAME

7. UNIT AGREEMENT NAME

8. FARM OR LEASE NAME
Slipstream

9. WELL NO.

No. 1

10. FIELD AND POOL, OR WILDCAT

Wildcat

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

Sec. 25-T36S-R24E

12. COUNTY OR PARISH
San Juan

13. STATE
Utah

14. PERMIT NO. DATE ISSUED
47-037-31737 4/28/94

WELL COMPLETION OR RECOMPLETION REPORT AND LOG *

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

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

2. NAME OF OPERATOR
Ampolex (Texas), Inc.

3. ADDRESS OF OPERATOR
1050 17th St., Suite 2500, Denver, CO 80265 (303) 595-9000

4. LOCATION OF WELL (Report location clearly and in accordance with any State requirements)*
At surface 2545 FNL & 587 FWL SW NW
At top prod. interval reported below None encountered
At total depth BHL is 49 ft. in the N30.98W direction.

15. DATE SPUNDED 5/23/94	16. DATE T.D. REACHED 6/9/94	17. DATE COMPL. (Ready to prod.) P&A 6/13/94	18. ELEVATIONS (DF, RKB, RT, GR, ETC.)* 5857 GL	19. ELEV. CASINGHEAD 5857
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20. TOTAL DEPTH, MD & TVD 6260, 6258	21. PLUG, BACK T.D., MD & TVD	22. IF MULTIPLE COMPL., HOW MANY*	23. INTERVALS DRILLED BY	ROTARY TOOLS	CABLE TOOLS
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24. PRODUCING INTERVAL(S), OF THIS COMPLETION—TOP, BOTTOM, NAME (MD AND TVD)*
None

25. WAS DIRECTIONAL SURVEY MADE
Yes

26. TYPE ELECTRIC AND OTHER LOGS RUN
COMPENSATED DENSITY, COMPENSATED NEUTRON
DUAL LATERAL LOG MICROGNARD LOG
7-22-94
PRESSURE DATA REPORT

27. WAS WELL CORED
Yes

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

CASING SIZE	WEIGHT, LB./FT.	DEPTH SET (MD)	HOLE SIZE	CEMENTING RECORD	AMOUNT PULLED
8-5/8"	24	1752	12-1/4"	650 sx lead 150 sx tail 75 sx top out cement	None

29. LINER RECORD				30. TUBING RECORD			
SIZE	TOP (MD)	BOTTOM (MD)	SACKS CEMENT*	SCREEN (MD)	SIZE	DEPTH SET (MD)	PACKER SET (MD)

31. PERFORATION RECORD (Interval, size and number)

32. ACID, SHOT, FRACTURE, CEMENT SQUEEZE, ETC.	
DEPTH INTERVAL (MD)	AMOUNT AND KIND OF MATERIAL USED

33.* PRODUCTION
DATE FIRST PRODUCTION _____ PRODUCTION METHOD (Flowing, gas lift, pumping—size and type of pump) _____ WELL STATUS (Producing or shut-in) _____

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

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

34. DISPOSITION OF GAS (Sold, used for fuel, vented, etc.) _____ TEST WITNESSED BY _____

35. LIST OF ATTACHMENTS

36. I hereby certify that the foregoing and attached information is complete and correct as determined from all available records
SIGNED Michael M. Ponce TITLE Senior Petroleum Engineer DATE 7/13/94

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

INSTRUCTIONS

General: This form is designed for submitting a complete and correct well completion report and log on all types of lands and leases to either a Federal agency or a State agency, or both, pursuant to applicable Federal and/or State laws and regulations. Any necessary special instructions concerning the use of this form and the number of copies to be submitted, particularly with regard to local, area, or regional procedures and practices, either are shown below or will be issued by, or may be obtained from, the local Federal and/or State office. See instructions on items 22 and 24, and 33, below regarding separate reports for separate completions.

If not filed prior to the time this summary record is submitted, copies of all currently available logs (drillers, geologists, sample and core analysis, all types electric, etc.), formation and pressure tests, and directional surveys, should be attached hereto, to the extent required by applicable Federal and/or State laws and regulations. All attachments should be listed on this form, see item 35.

Item 4: If there are no applicable State requirements, locations on Federal or Indian land should be described in accordance with Federal requirements. Consult local State or Federal office for specific instructions.

Item 18: Indicate which elevation is used as reference (where not otherwise shown) for depth measurements given in other spaces on this form and in any attachments. **Items 22 and 24:** If this well is completed for separate production from more than one interval zone (multiple completion), so state in item 22, and in item 24 show the producing interval, or intervals, top(s), bottom(s) and name(s) (if any) for only the interval reported in item 33. Submit a separate report (page) on this form, adequately identified, for each additional interval to be separately produced, showing the additional data pertinent to such interval.

Item 29: "Sacks Cement": Attached supplemental records for this well should show the details of any multiple stage cementing and the location of the cementing tool. **Item 33:** Submit a separate completion report on this form for each interval to be separately produced. (See instruction for items 22 and 24 above.)

37. SUMMARY OF POROUS ZONES: SHOW ALL IMPORTANT ZONES OF POROSITY AND CONTENTS THEREOF; CORED INTERVALS; AND ALL DRILL-STEM TESTS, INCLUDING DEPTH INTERVAL TESTED, CUSHION USED, TIME TOOL OPEN, FLOWING AND SHUT-IN PRESSURES, AND RECOVERIES		38. GEOLOGIC MARKERS	
FORMATION	TOP	BOTTOM	DESCRIPTION, CONTENTS, ETC.
		NAME	MEAS. DEPTH
		TOP	TRUE VERT. DEPTH
Desert Creek			Hermosa Ismay L. Ismay Desert Creek Akah 4448 5606 5760 5839 5928
			Cored 5876' to 5911'. Cut 35' recovered 13.3' dolomite and anhydrite.