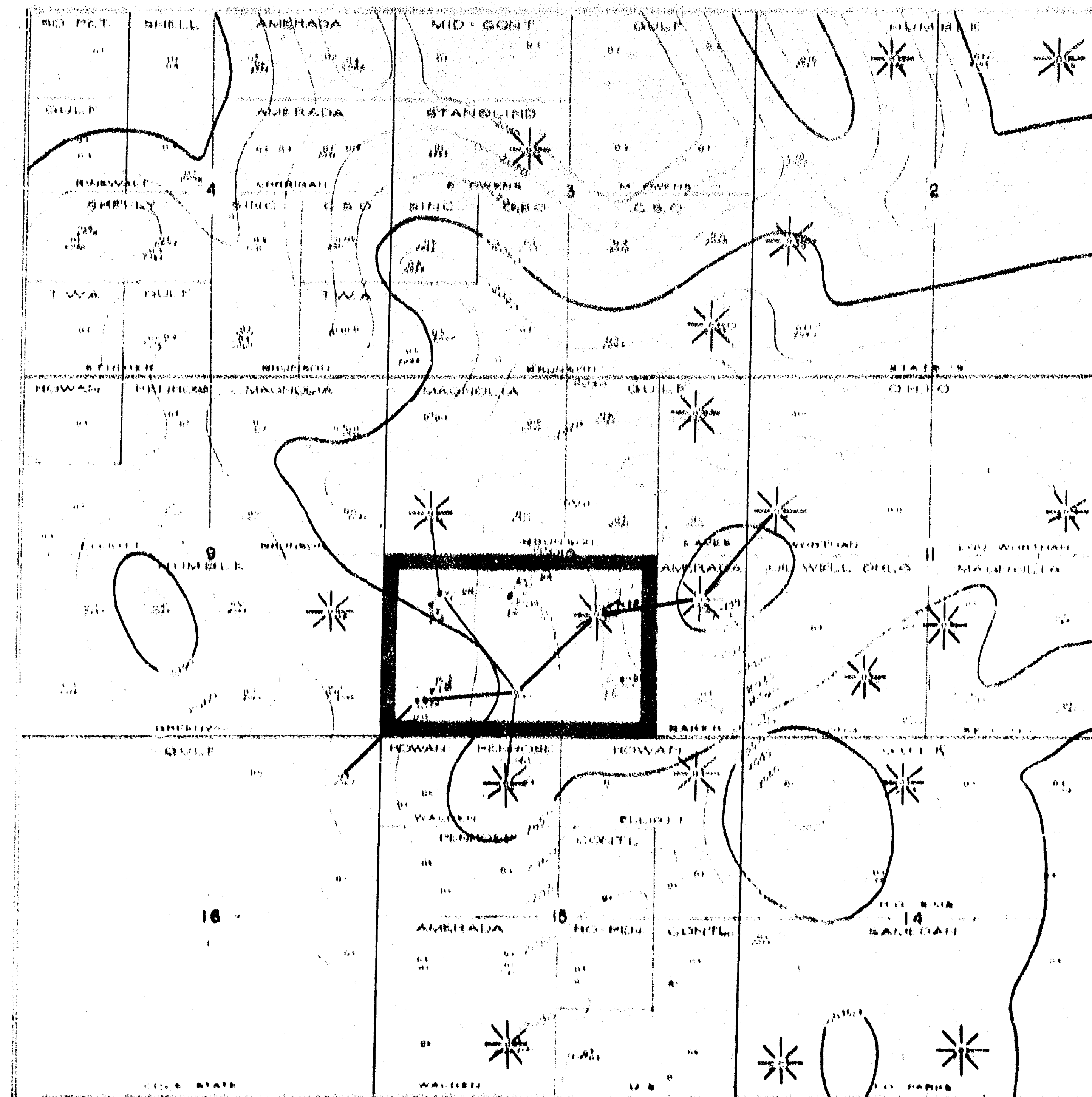


Case No.

~~800~~ 801

Large Exhibits

31



BLINEBRY STRUCTURE MAP  
10' CONTOUR INTERVAL

200  
100  
50  
25  
10  
5  
2  
1  
0.5  
0.25  
0.125  
0.0625  
0.03125  
0.015625  
0.0078125  
0.00390625  
0.001953125  
0.0009765625  
0.00048828125  
0.000244140625  
0.0001220703125  
0.00006103515625  
0.000030517578125  
0.0000152587890625  
0.00000762939453125  
0.000003814697265625  
0.0000019073486328125  
0.00000095367431640625  
0.000000476837158203125  
0.0000002384185791015625  
0.00000011920928955078125  
0.000000059604644775390625  
0.0000000298023223876953125  
0.00000001490116119384765625  
0.000000007450580596923828125  
0.0000000037252902984619140625  
0.00000000186264514923095703125  
0.000000000931322574615478515625  
0.0000000004656612873077392578125  
0.00000000023283064365386962890625  
0.000000000116415321826934814453125  
0.0000000000582076609134674072265625  
0.00000000002910383045673370361328125  
0.000000000014551915228366851806640625  
0.0000000000072759576141834259033203125  
0.00000000000363797880709171295166015625  
0.000000000001818989403545856475830078125  
0.0000000000009094947017729282379150390625  
0.00000000000045474735088646411895751953125  
0.000000000000227373675443232059478759765625  
0.0000000000001136868377216160297393798828125  
0.00000000000005684341886080801486968994140625  
0.000000000000028421709430404007434844970703125  
0.0000000000000142108547152020037174224853515625  
0.00000000000000710542735760100185871124267578125  
0.000000000000003552713678800500929355621337890625  
0.0000000000000017763568394002504646778106689453125  
0.00000000000000088817841970012523223890533447265625  
0.000000000000000444089209850062616119452667236328125  
0.0000000000000002220446049250313080597263336181640625  
0.00000000000000011102230246251565402986316680908203125  
0.000000000000000055511151231257827014931583340541015625  
0.0000000000000000277555756156289135074657916702705078125  
0.00000000000000001387778780781445675373289583513525390625  
0.000000000000000006938893903907228376866447917567626953125  
0.00000000000000000346944695195361418843322395878381328125  
0.000000000000000001734723475976807094216611979391906640625  
0.0000000000000000008673617379884035471083059896959533203125  
0.00000000000000000043368086899420177355415299484797666015625  
0.000000000000000000216840434497100886777076497423988330078125  
0.0000000000000000001084202172485504433885382487119941650390625  
0.00000000000000000005421010862427522169426912435599708251953125  
0.000000000000000000027105054312137610847134562177998541259765625  
0.0000000000000000000135525271560688054235672810889992706298828125  
0.00000000000000000000677626357803440271178364054449963531494140625  
0.000000000000000000003388131789017201355891820272249817657470703125  
0.000000000000000000001694065894508600677945910136124908788735390625  
0.0000000000000000000008470329472543003389729550680624543943676953125  
0.00000000000000000000042351647362715016948647753403122719718384765625  
0.000000000000000000000211758236813575084743238767015613598591923828125  
0.0000000000000000000001058791184067875423716193835078067992959619140625  
0.00000000000000000000005293955920339377118580969175039033996479595703125  
0.000000000000000000000026469779601696885592904845875195169982397978515625  
0.0000000000000000000000132348898008484427964524229375975849911989892878125  
0.00000000000000000000000661744490042422139822621146879879249559949464390625  
0.000000000000000000000003308722450212110699113105734399396247799747321953125  
0.0000000000000000000000016543612251060553495565528671996981238998736609765625  
0.00000000000000000000000082718061255302767477827643359984906194993683048828125  
0.000000000000000000000000413590306276513837389138216799924530974968415244140625  
0.0000000000000000000000002067951531382569186945691083999622654874842076220703125  
0.00000000000000000000000010339757656912845934728455419998113274374210381103515625  
0.000000000000000000000000051698788284564229673642277099990566371871051905517578125  
0.0000000000000000000000000258493941422821148368211385499952831859355095027587890625  
0.00000000000000000000000001292469707114105741841056927499764159296775475137939453125  
0.000000000000000000000000006462348535570528709205284637499820796483877375689697265625  
0.0000000000000000000000000032311742677852643546026423187499103982419386878448486328125  
0.00000000000000000000000000161558713389263217730132115937495519912096934392242431640625  
0.0000000000000000000000000008077935669463160886506605796874775995604846719612121530078125  
0.0000000000000000000000000004038967834731580443253302898437387997802423359806060765625  
0.00000000000000000000000000020194839173657902216266514492186939989012116799030303828125  
0.000000000000000000000000000100974195868289511081332572460934699945060583995151519140625  
0.0000000000000000000000000000504870979341447555406662862304673499725302919975757595703125  
0.00000000000000000000000000002524354896707237777033314311523367498626514599878787978515625  
0.000000000000000000000000000012621774483536188885166571557616837499312777799894444892578125  
0.0000000000000000000000000000063108872417680944425832857788084187496563888999472224462890625  
0.00000000000000000000000000000315544362088404722129164288940420937482819444999461122314453125  
0.000000000000000000000000000001577721810442023610645821444702104687414097224999305611572265625  
0.0000000000000000000000000000007888609052210118053229107223510523437070486124999152805861328125  
0.00000000000000000000000000000039443045261050590266145536117552617185352430624999076404306640625  
0.0000000000000000000000000000001972152263052529513307276805877630859267621531249990382021533203125  
0.00000000000000000000000000000009860761315262647566536384029388154296338107656249990191010766015625  
0.000000000000000000000000000000049303806576313237832681920146940771481690538281249990095503830078125  
0.0000000000000000000000000000000246519032881566189163409600734703857408452691406249990047769150390625  
0.00000000000000000000000000000001232595164407830945817048003673519287042263457031249990023845751953125  
0.000000000000000000000000000000006162975822039154729085240018367596435211317285156249990011922879765625  
0.00000000000000000000000000000000308148791101957736454262000918379821760565864257812499900059614398828125  
0.00000000000000000000000000000000154074395550978868227131000459189910880282932128906249990002980719944140625  
0.0000000000000000000000000000000007703719777548943411356550002295949544014146606445312499900014903599720703125  
0.00000000000000000000000000000000038518598887744717056782750011479747720070733032226562499900007451799860390625  
0.0000000000000000000000000000000001925929944387235852839137500573987386003536651611328124999000037258999301953125  
0.000000000000000000000000000000000096296497219361792641956875028699369300176832580566406249990000186294996509765625  
0.00000000000000000000000000000000004814824860968089632097843751434968465008841629028320312499900000931474982548828125  
0.00000000000000000000000000000000002407412430484044816048921875717484232504420814514166156249990000046573749127244140625  
0.0000000000000000000000000000000000120370621524202240802446093753587421625221040725708307812499900000232868745636220703125  
0.000000000000000000000000000000000006018531076210112040122304687517937131261052036285415390624999000001164343728181103515625  
0.00000000000000000000000000000000000300926553810505602006115234375089686563052601814270769531249990000005821718640905517578125  
0.0000000000000000000000000000000000015046327690525280100305761718750448432652630090713538476562499900000029108593204527587890625  
0.000000000000000000000000000000000000752316384526264005015288085937502242162631504535676923828124999000000145542966022637939453125  
0.00000000000000000000000000000000000037615819226313200250764404296875011210813157276783846191406249990000000727714830113189697265625  
0.0000000000000000000000000000000000001880790961315660012538220214843750056054065863839192309570312499900000003638574150565948486328125  
0.00000000000000000000000000000000000009403954806578300062691101074218750028027032931919596147851679746096196153906249990000001819287075282974243265625  
0.0000000000000000000000000000000000000470197740328915003134555053710937500140135164759597957392583987304809807695312499900000009096435376414712161328125  
0.000000000000000000000000000000000000023509887016445750156727752685546875000700678237979897869629199365240490384765624999000000045482176882073560806640625  
0.00000000000000000000000000000000000001175494350822287507836387634277343750003503391189949493481459968262024519238281249990000000227410884410367804033203125  
0.000000000000000000000000000000000000005877471754111437539181938171386718750001751695594974974707299841310122596191406249990000001137054422051839020016610390625  
0.00000000000000000000000000000000000000293873587705571876959096908569335937500008758477974874873549992065506129809570312499900000005685272110259195100083051953125  
0.0000000000000000000000000000000000000014693679385278593882954845428466796875000043792389874374377499960327531490478515624999000000028426360551295975500415259765625  
0.000000000000000000000000000000000000000734683969263929694147742271423339843750000218961949371871874999801637657452392578124999000000014213180275647987750020762987890625  
0.000000000000000000000000000000000000000367341984631964847073871135711666992187500001094809746859393999900818788726196289062499900000000710659013782399387500103814939444140625  
0.0000000000000000000000000000000000000001836709923159824235369355678558334960937500005474048734296969999504093943630981445312499900000000355329506891199693750005190746972220703125  
0.000000000000000000000000000000000000000091835496157991211768467783927916748046875000027370243671449999750204697181549072656249990000000017766475344559984687500025953734861103515625  
0.000000000000000000000000000000000000000045917748078995605884233891963958374023437500013685121835724999975010234859074524903828124999000000000888323767227999234375000129768674305517578125  
0.00000000000000000000000000000000000000002295887403949780294211694598197918701171875000068425609178624999975005117429703724951914062499900000000044416188361399961718750000648843371527587890625  
0.00000000000000000000000000000000000000001147943701974890147105847299098959350585937500003421280458931249999750025587148518624759570312499900000000022208094180699980859375000032442168576379980859375000016221084290339990429687500001622108429033999042968750000081105421451999902148437500000811054214519999021484375000004055271072599995122421875000004055271072599995122421875000002027635536299997561210937500000202763553629999756121093750000010138177681499998780604687500001013817768149999878060468750000050690888407499999390302343750000506908884074999993903023437500000253454442037499996951511718750000253454442037499996951511718750000012672722101874999934757558593750001267272210187499993475755859375000006336361050937499996737877929687500063363610509374999967378779296875000031681805254687499993368938964843750003168180525468749999336893896484375000015840902627343749999668446948221875000158409026273437499996684469482218750000079204513136718749999334223474110937500079204513136718749999334223474110937500003960225656835937499996671117205546875003960225656835937499996671117205546875000198011282841796874999933355586027734375001980112828417968749999333555860277343750000990056414208984374999966727793013869687500990056414208984374999966727793013869687500049502820710449218749999333639650069348437500495028207104492187499993336396500693484375000247514103552246093749999667319750034624218750024751410355224609374999966731975003462421875000123757051776123046874999966715987500173121093750012375705177612304687499996671598750017312109375000618785258878061718749999667079875000865605468750008656054687500043280273437500043280273437500021640136718750002164013671875000108200683593750010820068359375000541003417968750005410034179687500027050170898437500027050170898437500013525085449218750001352508544921875000067625427246093750006762542724609375000

MAGNOLIA PETROLEUM

BRUNSON-ARGO WELL NO 6

SKELLY OIL COMPANY

BAKER "B" WELL NO 9

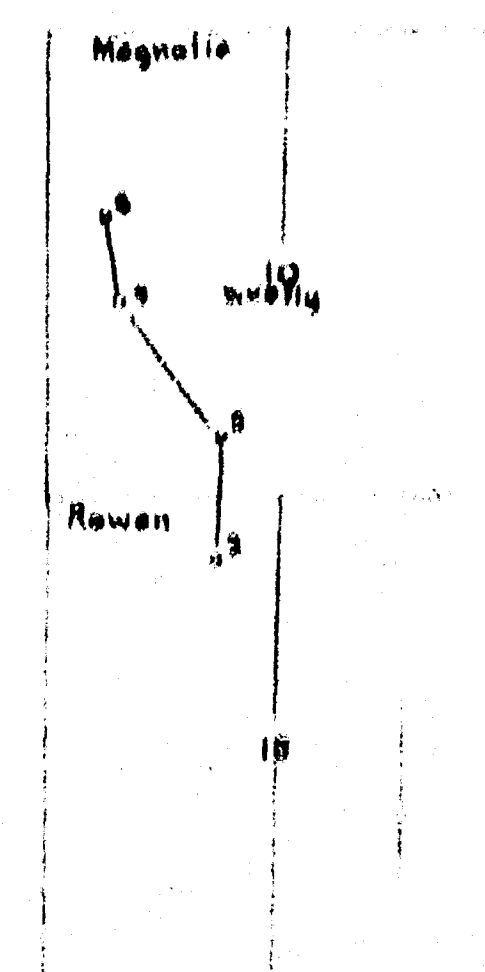
SKELLY OIL COMPANY

BAKER "B" WELL NO 6

TOP OF PADDOCK

TOP OF BLINEBRY

TOP OF TUBB



- 2400 DATUM

CASE NO. \_\_\_\_\_ EXHIBIT NO. \_\_\_\_\_

SKELLY OIL CO.

BAKER "B" LEASE  
SEC. 10-T22S-R37E

4

MAGNOLIA

SKELLY

SA.

SKELLY OIL COMPANY

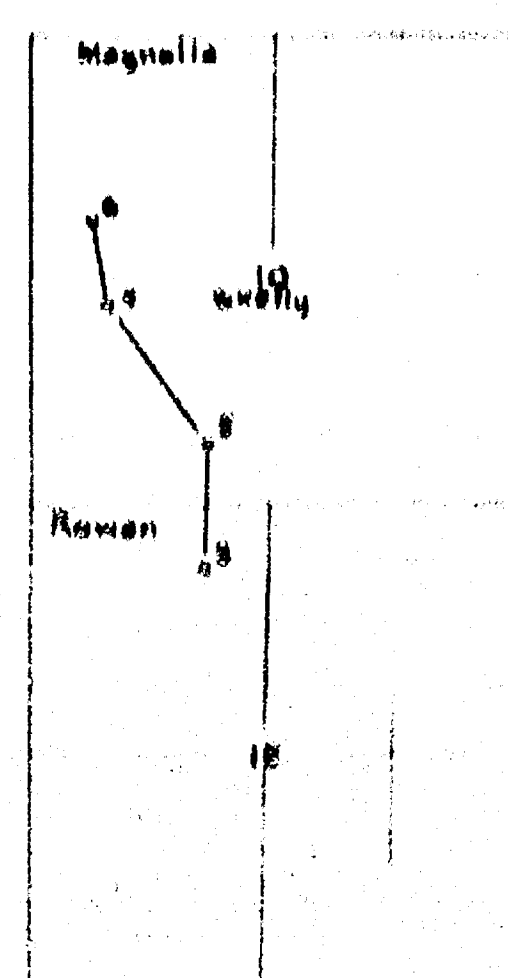
BAKER "B" WELL NO 9

SKELLY OIL COMPANY

BAKER "B" WELL NO 5

ROWAN & PENROSE

WALDEN WELL NO 3



- 2400 DATUM

VERTICAL LIMITS OF LINEBRY GAS ZONE

VERTICAL LIMITS OF TUBB GAS ZONE

MAGNOLIA

SKELLY

SKELLY

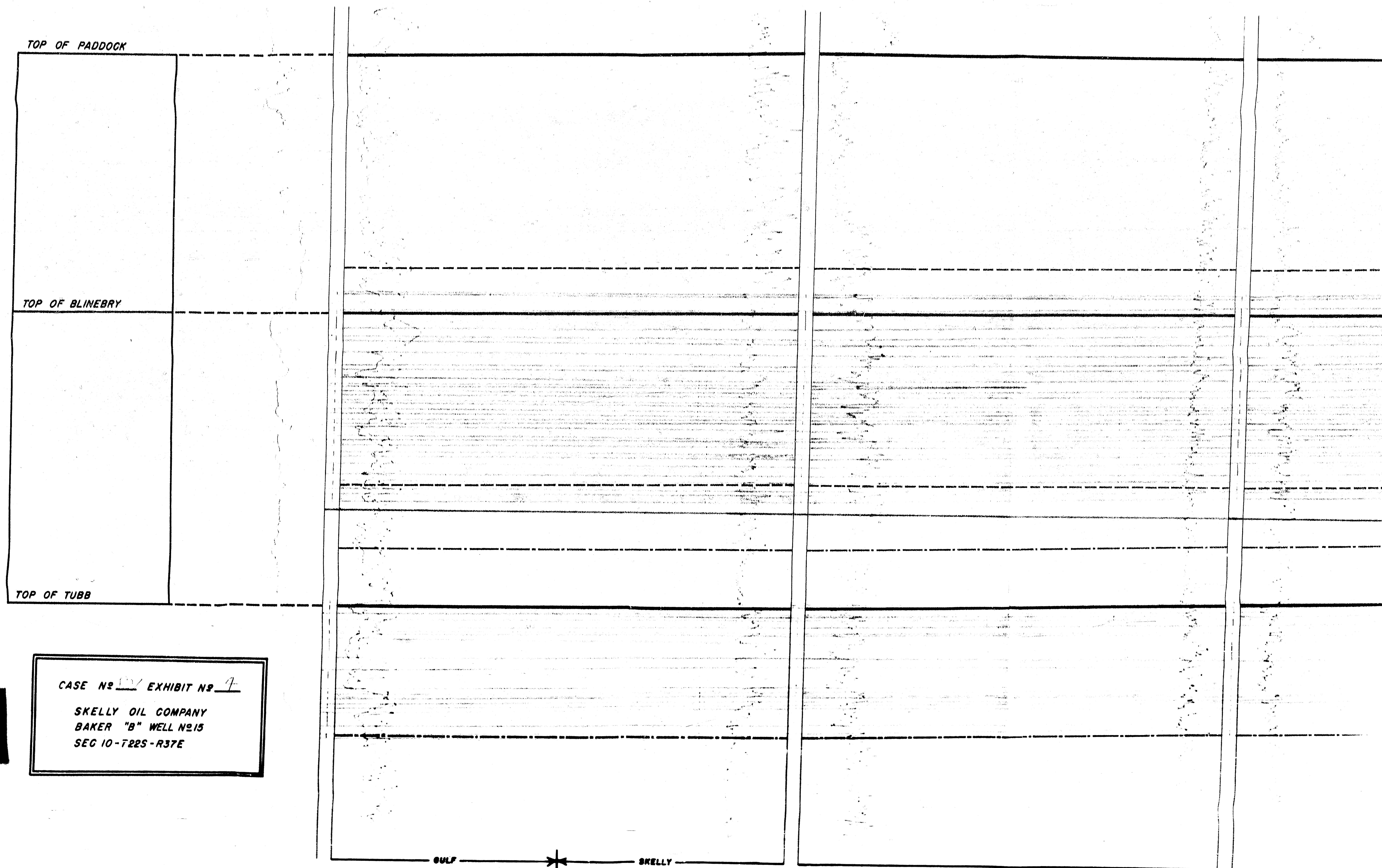
ROWAN

51

GULF OIL CORP  
COLE WELL #4

SKELLY OIL COMPANY  
BAKER "B" WELL #6

SKELLY OIL COMPANY  
BAKER "B" WELL #5



CASE NO. 12 / EXHIBIT NO. 7

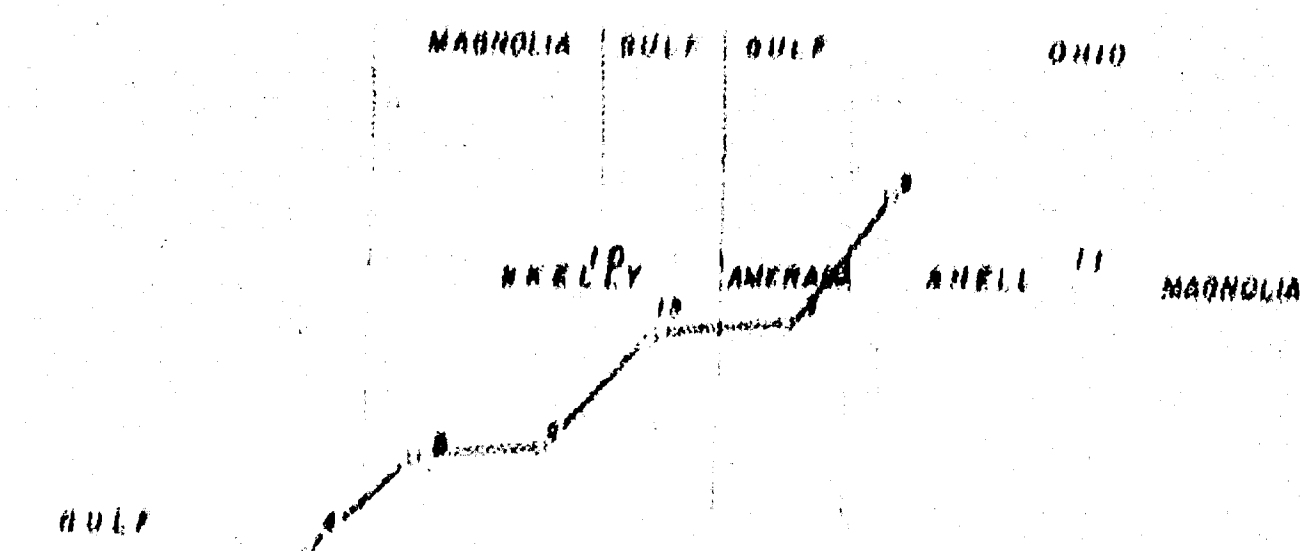
SKELLY OIL COMPANY  
BAKER "B" WELL NO. 15  
SEG 10-T225-R37E

61

BAKER "B"      WELL # 5

BAKER "B" WELL #18

A B BAKER                      WELL # 3



- 2400 DATUM

7

[illegible]

**- SKELLY**

**- AMERADIA**

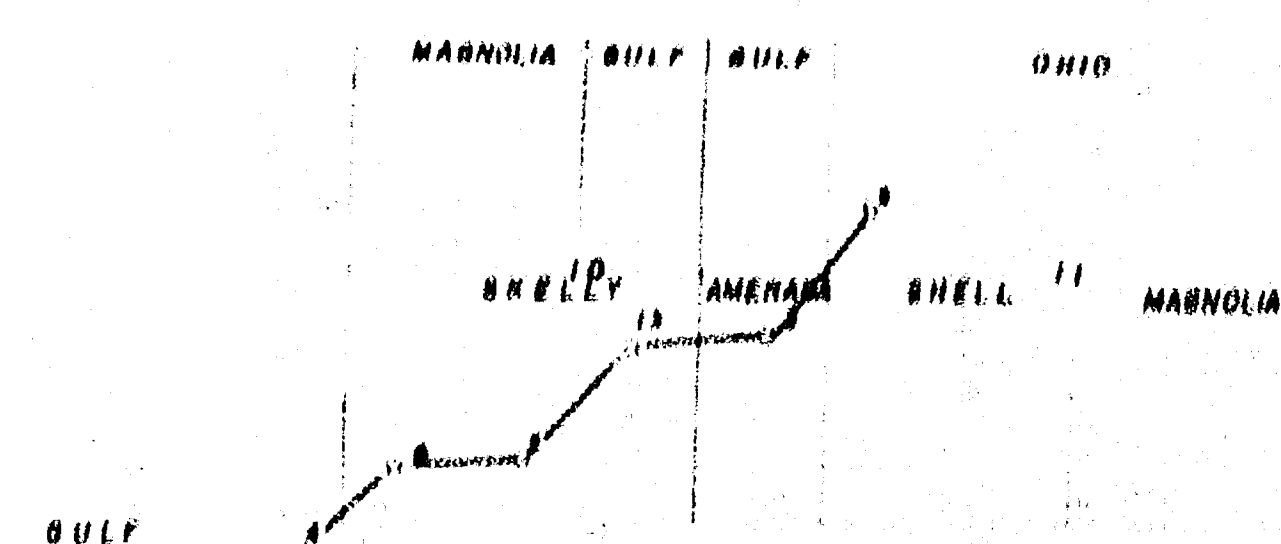
**- AMERADA**

**←GULF→**

BAKER "B" WELL #15

A. B. BAKER                      WELL # 3

LOU WORTHAM      WELL #9



- 2400 DATUM

1993

100-443887-100

8

2014年12月12日  
 星期五  
 晴  
 12月12日  
 星期五  
 晴  
 12月12日  
 星期五  
 晴

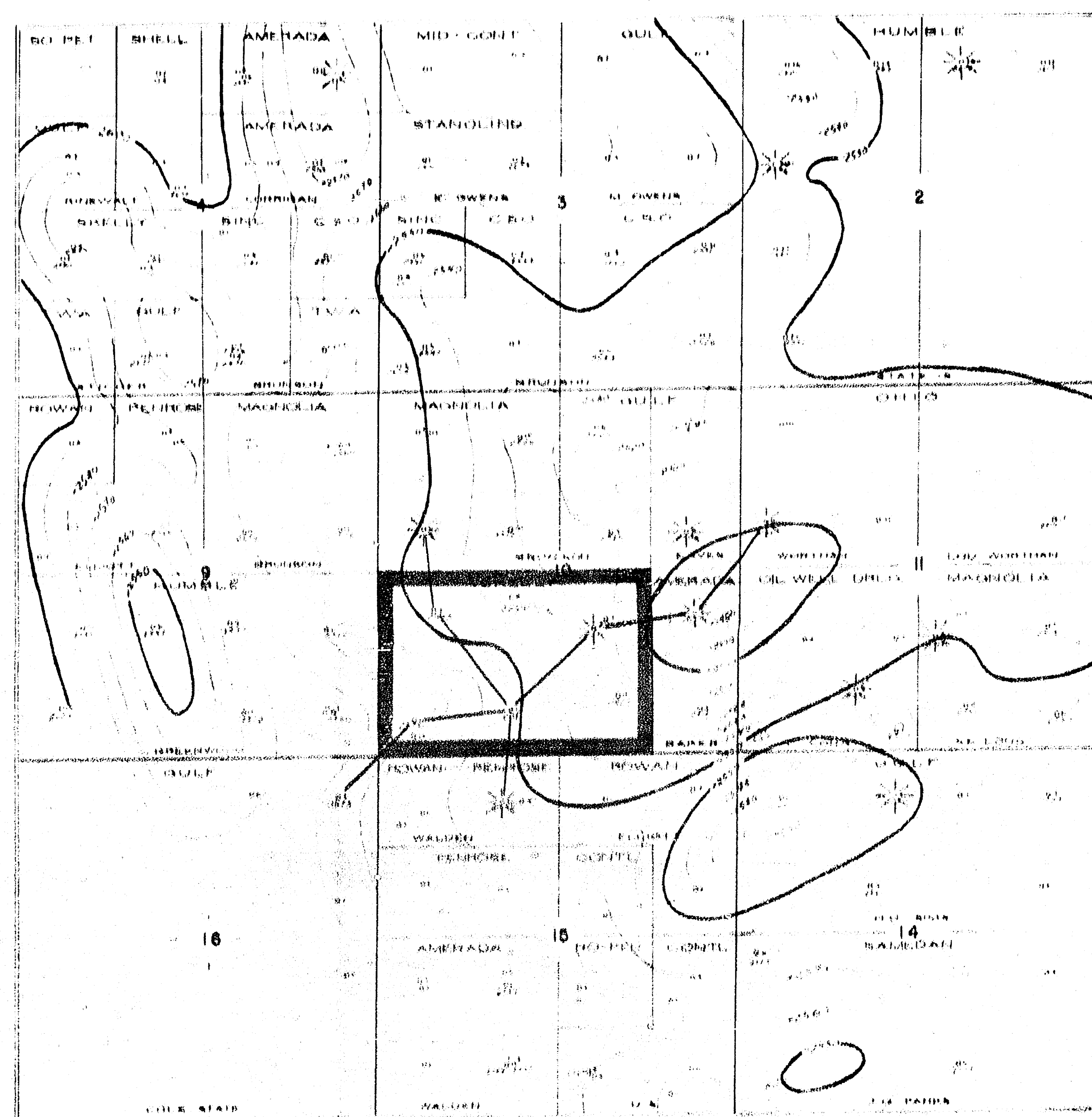
22 JUL 1964  
 Bureau  
 1000 10th Ave  
 Denver  
 80202

**- SKELLY**

**AMERADA**

**- AMERASO**

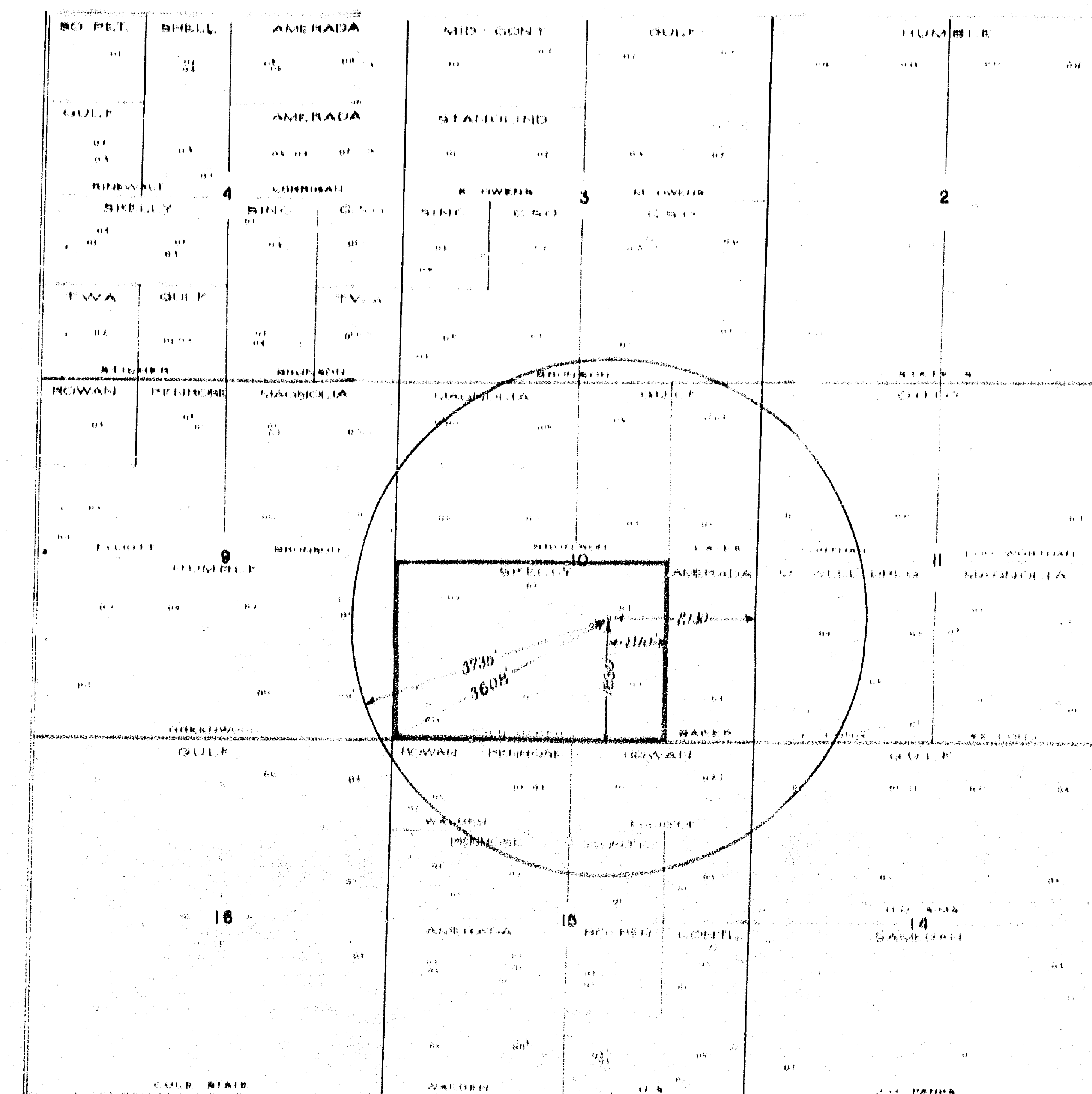
— 222 —



CASE NO. ~~CONFIDENTIAL~~ EXHIBIT NO. ~~CONFIDENTIAL~~  
SKELLY OIL CO  
BAKER "B" LEASE  
SEC. 10-T22B-R37E

SMITH OR CO

Proposed draft completion  
by 10/1/01. Subsequent to No. 15,  
the company will be able to make  
the same number of the proposed material  
change, and it is not an issue of the  
draft.



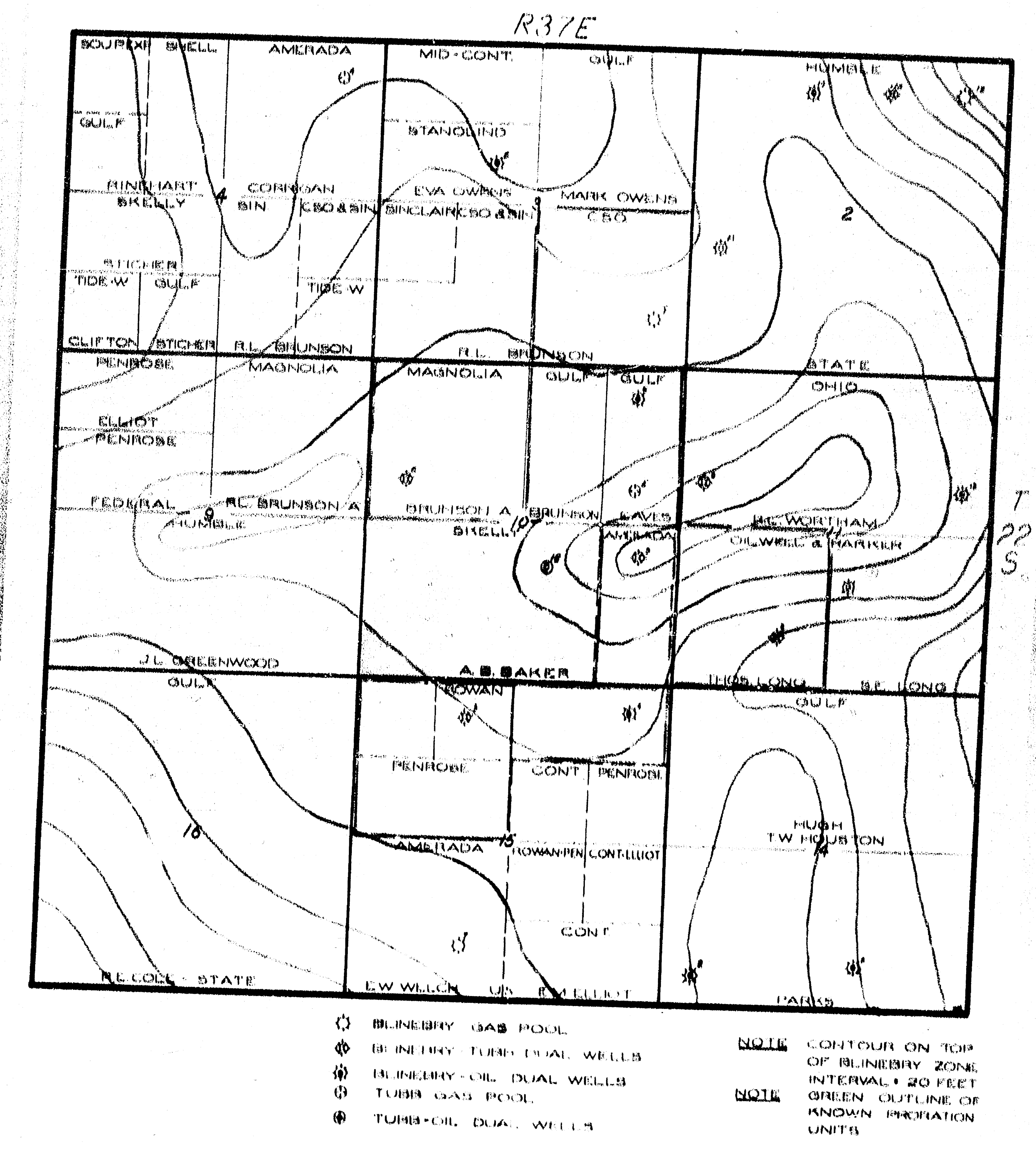
3/8/12  
 10-11-12  
 10-12-12

| LANE RADIOACTIVITY LOG                                                                                                                                                                 |  | WELLS COMPANY                                                                                      |  |
|----------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|--|----------------------------------------------------------------------------------------------------|--|
| Location of Well:<br>COMPANY: BAKER OIL COMPANY<br>WELL: BAKER "B" #1<br>FIELD: BAKER<br>COUNTY: LAM. STATE: W. VIRG.<br>LOCATION: 2890' P.M. & 2350' P.M. OF SECTION 20, T-28S, R-37E |  | LOG NO.: 10<br>DATE: 3/8/12<br>TIME: 10:00 AM<br>BY: J. L. GREENWOOD                               |  |
| LOG MEAS FROM: ROTARY MILE BURNING & 11' ELEV. 3397<br>UTM. MEAS FROM: ROTARY MILE BURNING & 11' ELEV. 3397<br>FROM DATUM: GROUND LEVEL ELEV. 3366                                     |  | TYPE OF LOG: RADIOACTIVITY<br>LOG NO.: 10<br>DATE: 3/8/12<br>TIME: 10:00 AM<br>BY: J. L. GREENWOOD |  |
| TYPE OF LOG: RADIOACTIVITY<br>LOG NO.: 10<br>DATE: 3/8/12<br>TIME: 10:00 AM<br>BY: J. L. GREENWOOD                                                                                     |  | TYPE OF LOG: RADIOACTIVITY<br>LOG NO.: 10<br>DATE: 3/8/12<br>TIME: 10:00 AM<br>BY: J. L. GREENWOOD |  |
| REMARKS OR OTHER DATA:<br>GAMMA RAY<br>RADIATION INTENSITY INCREASES                                                                                                                   |  | REMARKS OR OTHER DATA:<br>NEUTRON<br>RADIATION INTENSITY INCREASES                                 |  |



CASE NO. 127 EXHIBIT NO. 2  
 SKELLY OIL CO  
 BAKER "B" LEASE  
 SEC. 10-T28S-R37E

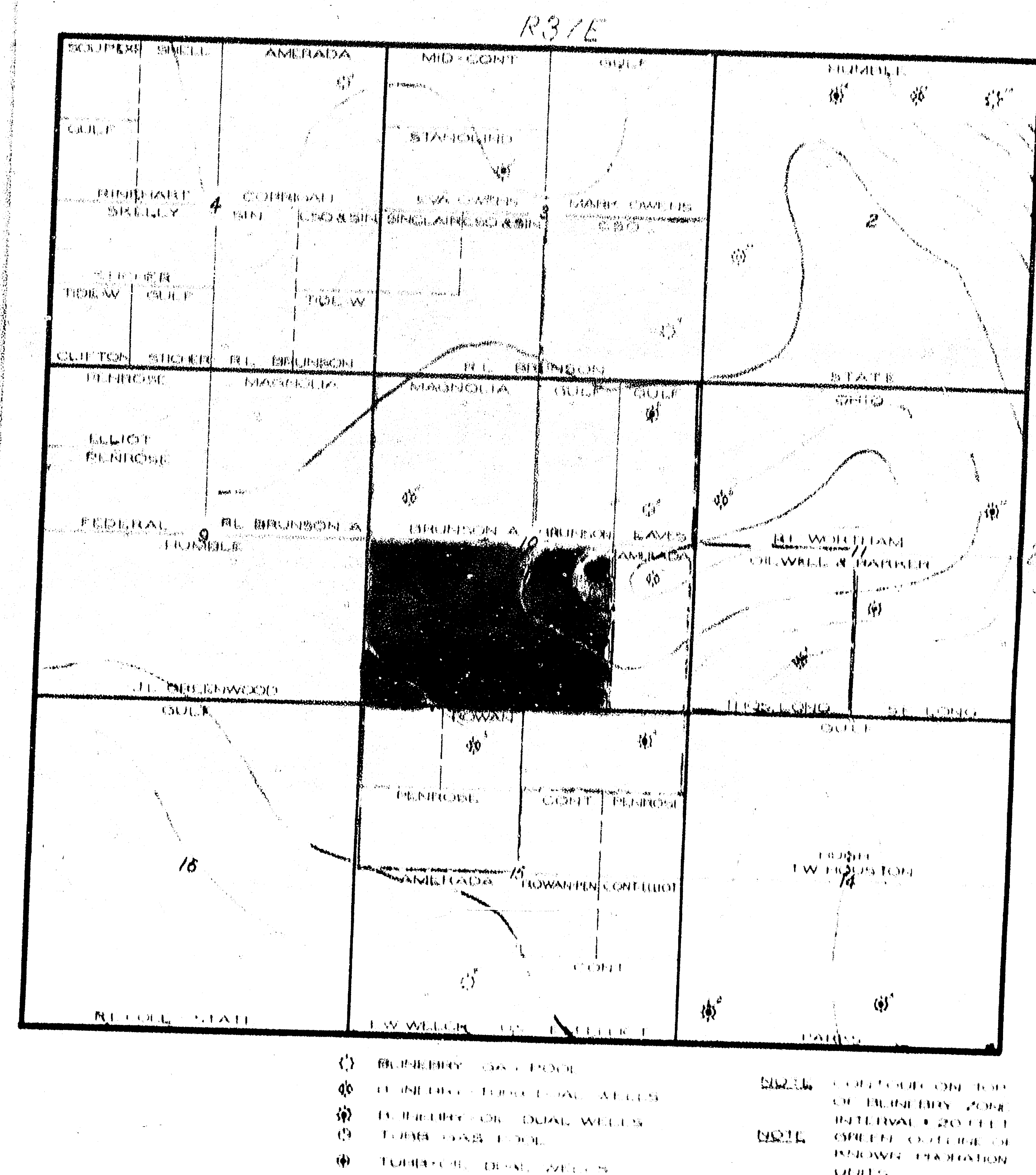
10



1971 / 1964 - 1965  
Linn. B. 1000 and 1001  
of 1000 - 1001 - 1002

[illegible]

11

[illegible]

12



Broken Malle-V  
Turning Seat Nipples

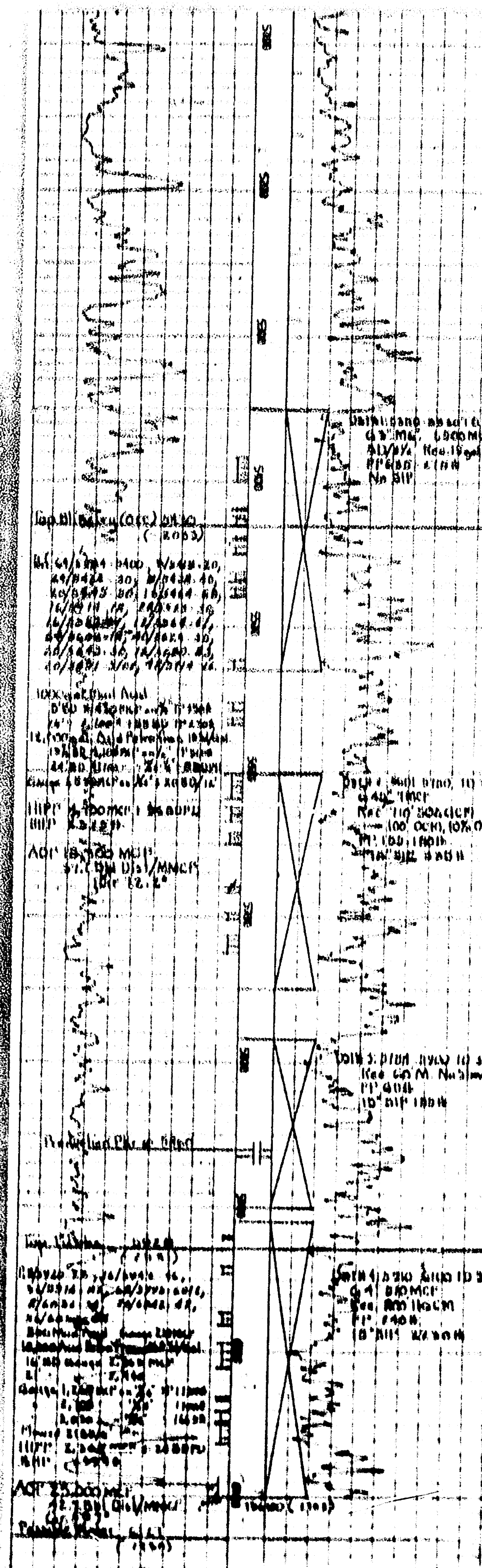
Broken Above 11  
Bottom Cracks  
Packer

100' 10" 10"  
Circulating Valve  
Shut in 3 1/2"

THIN GAS ZONE

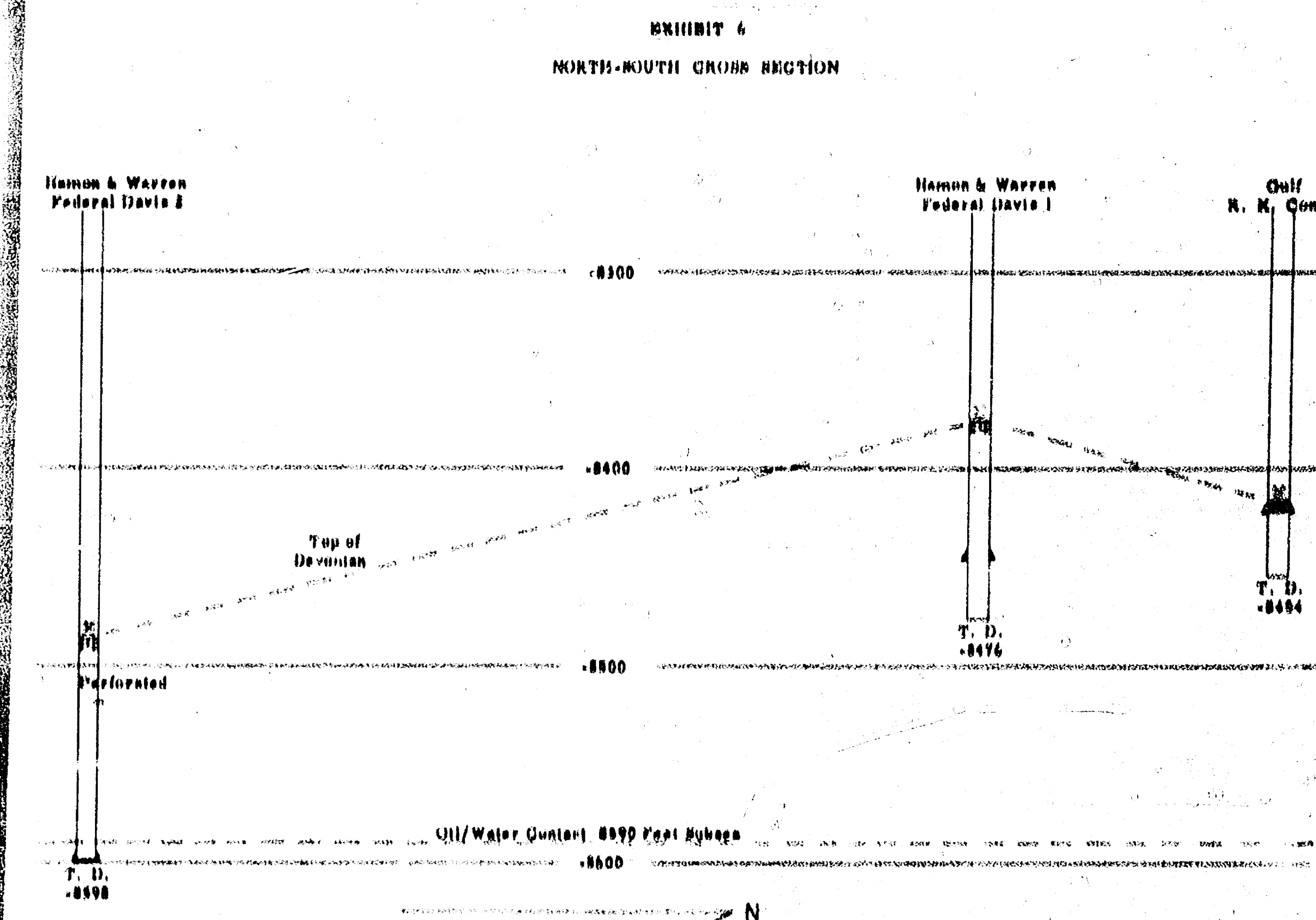
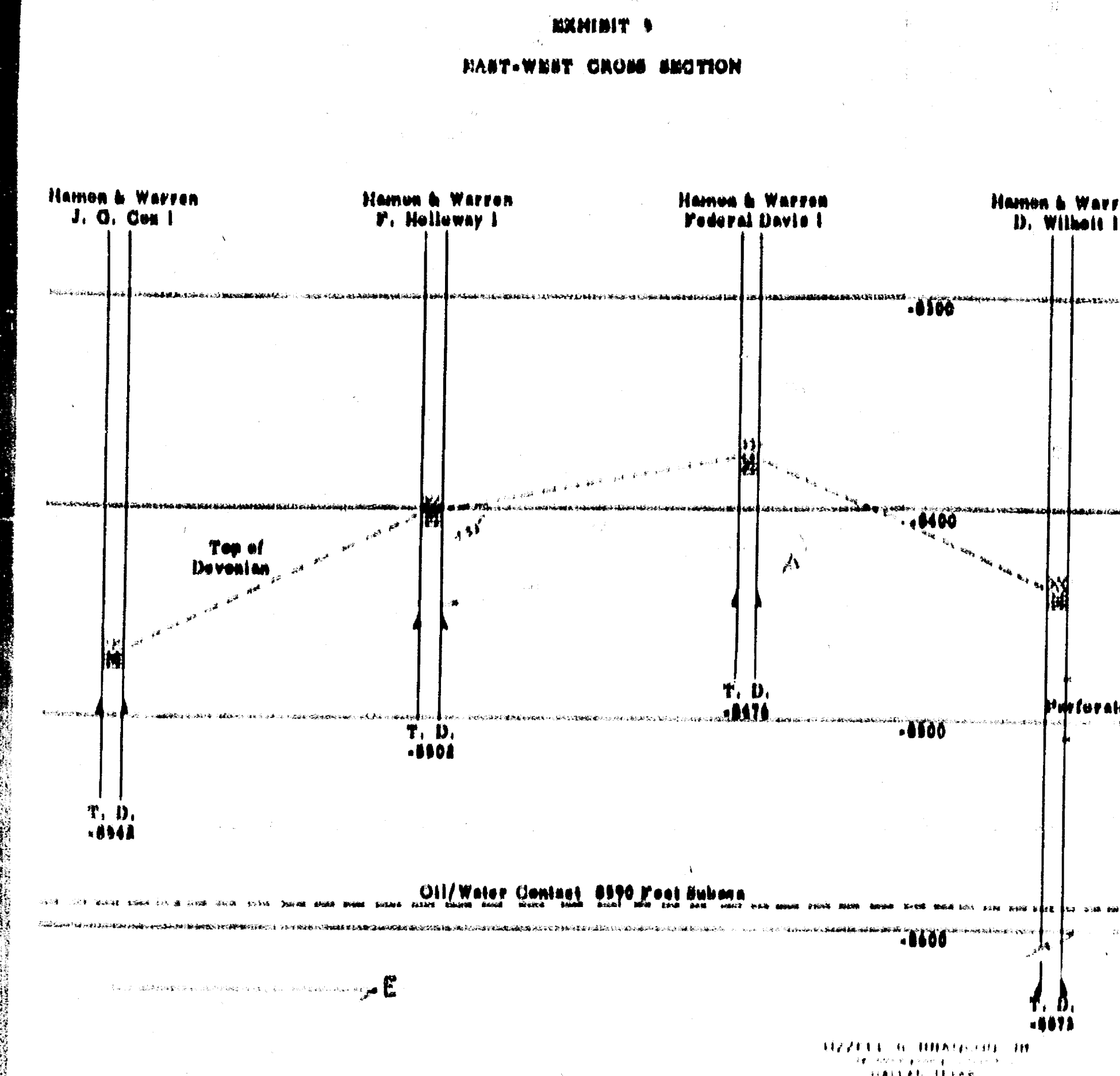
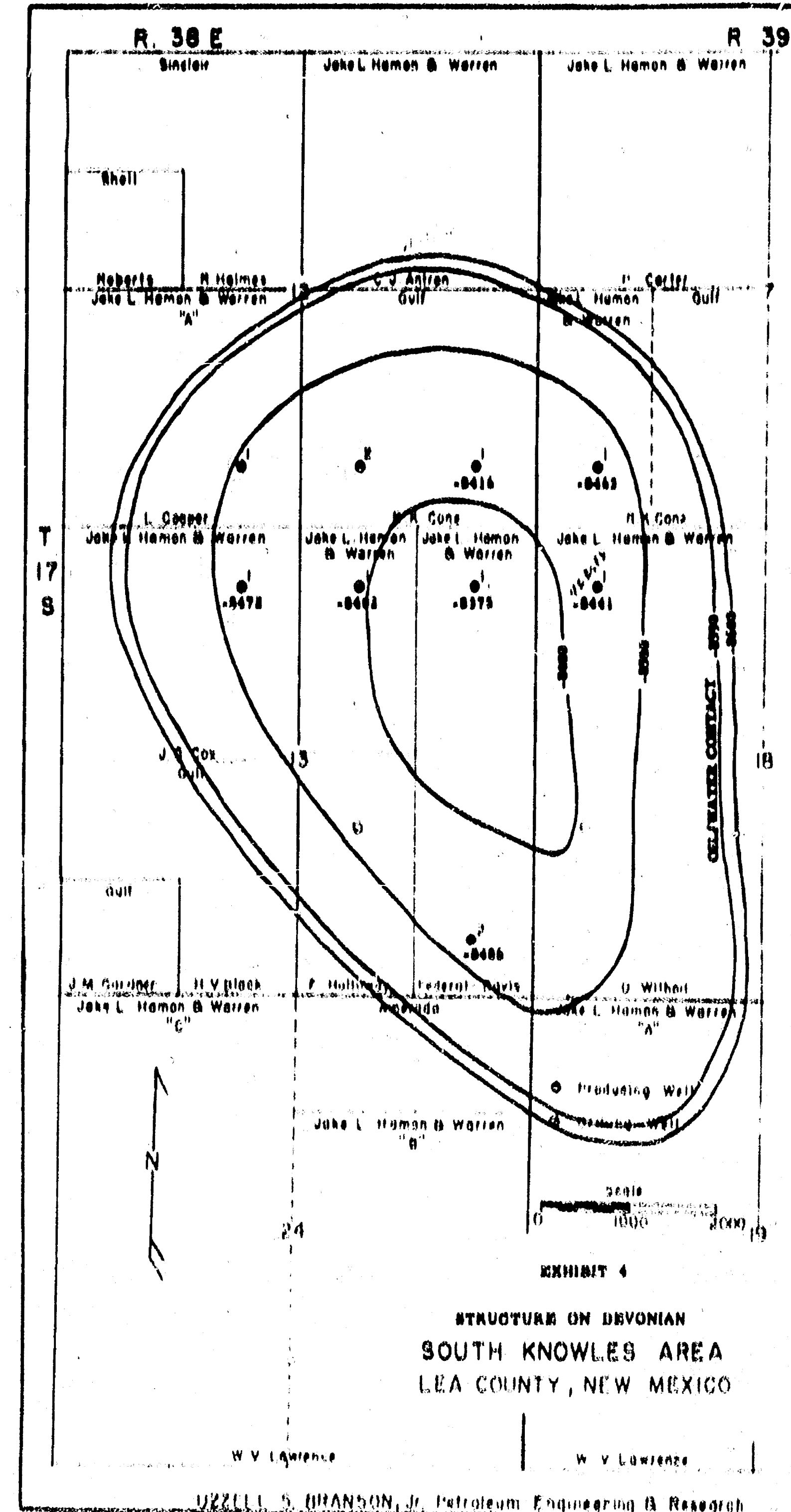
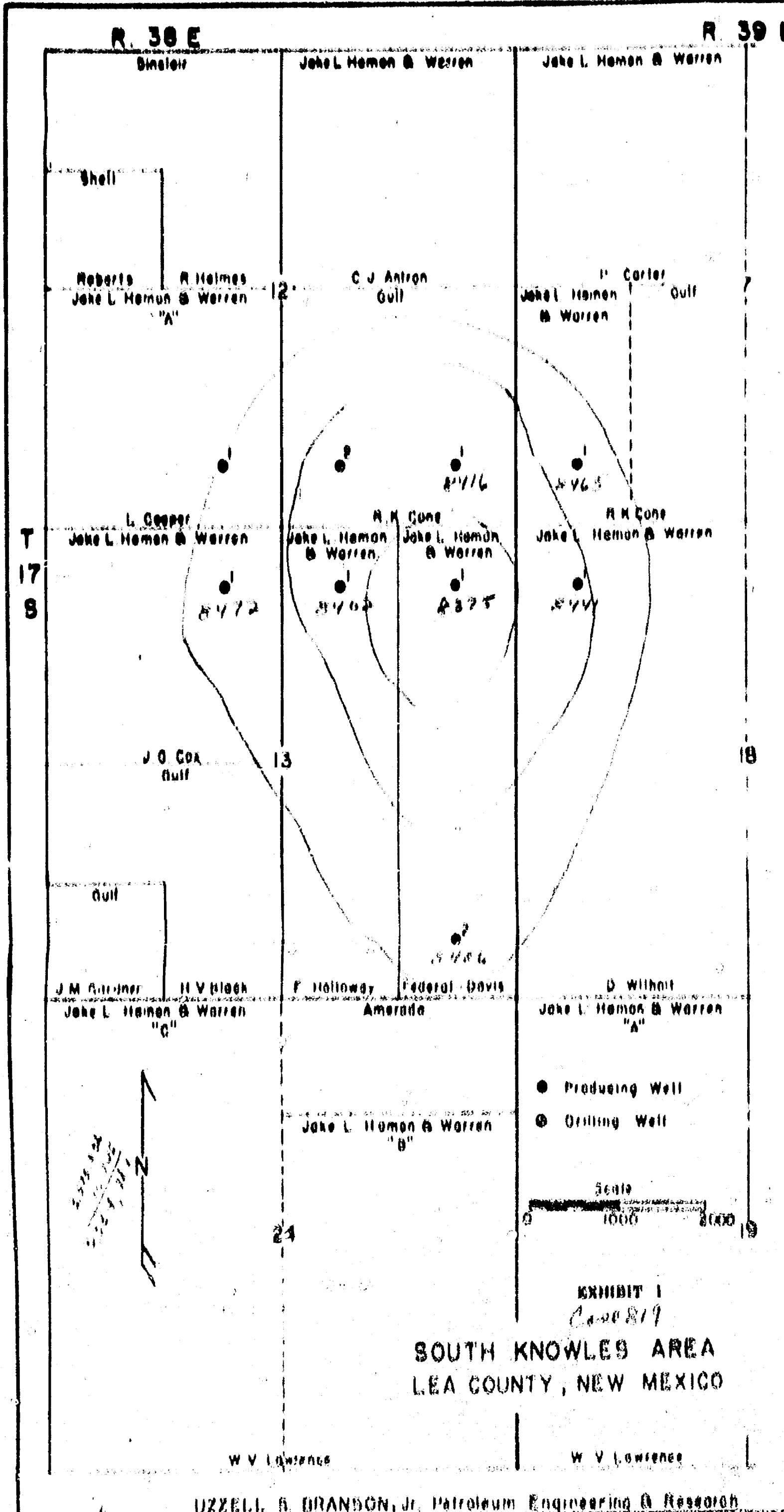
100' 10" 10"

NOTE: FORD Gas Set Pressure  
Tub Gas Zone and Bottom  
Gas Zones are to be protected



# EXHIBIT 4 WELL DATA SOUTH KNOWLES FIELD LEA COUNTY, NEW MEXICO

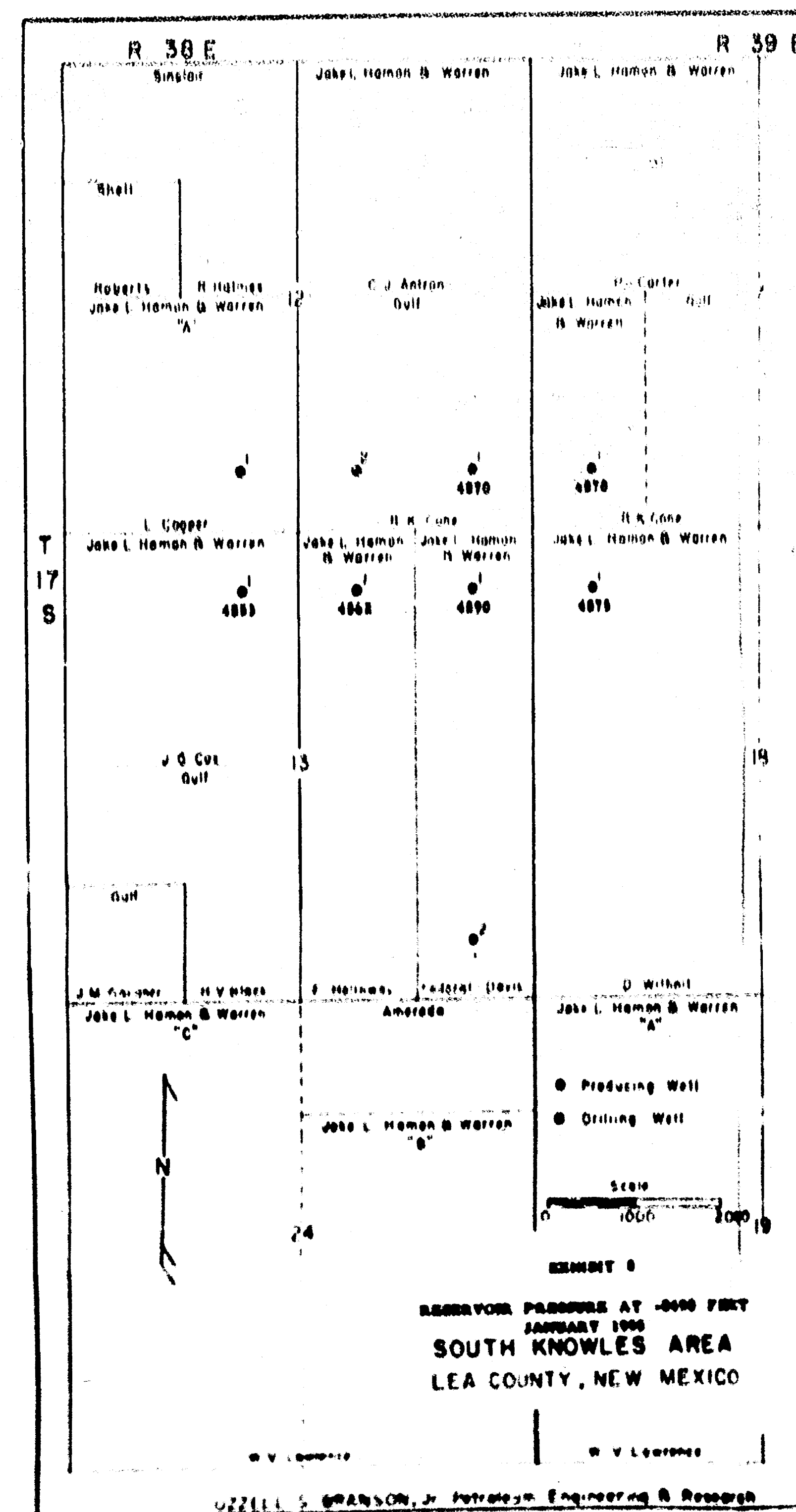
| Operator, Lease, Well Number                                | Completion Date | Total Depth (feet) | Completion Depth (feet) |
|-------------------------------------------------------------|-----------------|--------------------|-------------------------|
| Jake L. Hamon and Warren Petroleum Corp. - Federal Davis #1 | 5-54            | 12,174             | 8445-8476               |
| Jake L. Hamon and Warren Petroleum Corp. - Federal Davis #2 | 1-55            | 12,490             | 8480-8510               |
| Jake L. Hamon and Warren Petroleum Corp. - D. Wilhoit #1    | 9-54            | 12,554             | 8479-8509               |
| Jake L. Hamon and Warren Petroleum Corp. - P. Holloway #1   | 9-54            | 12,115             | 8458-8502               |
| Jake L. Hamon and Warren Petroleum Corp. - J. H. Cox #1     | 11-54           | 12,247             | 8480-8482               |
| Jake L. Hamon and Warren Petroleum Corp. - R. K. Cox #1     | 12-54           | 12,218             | 8497-8517               |
| Gulf Oil Corp. - R. K. Cox #1                               | 12-54           | 12,151             | 8422-8444               |



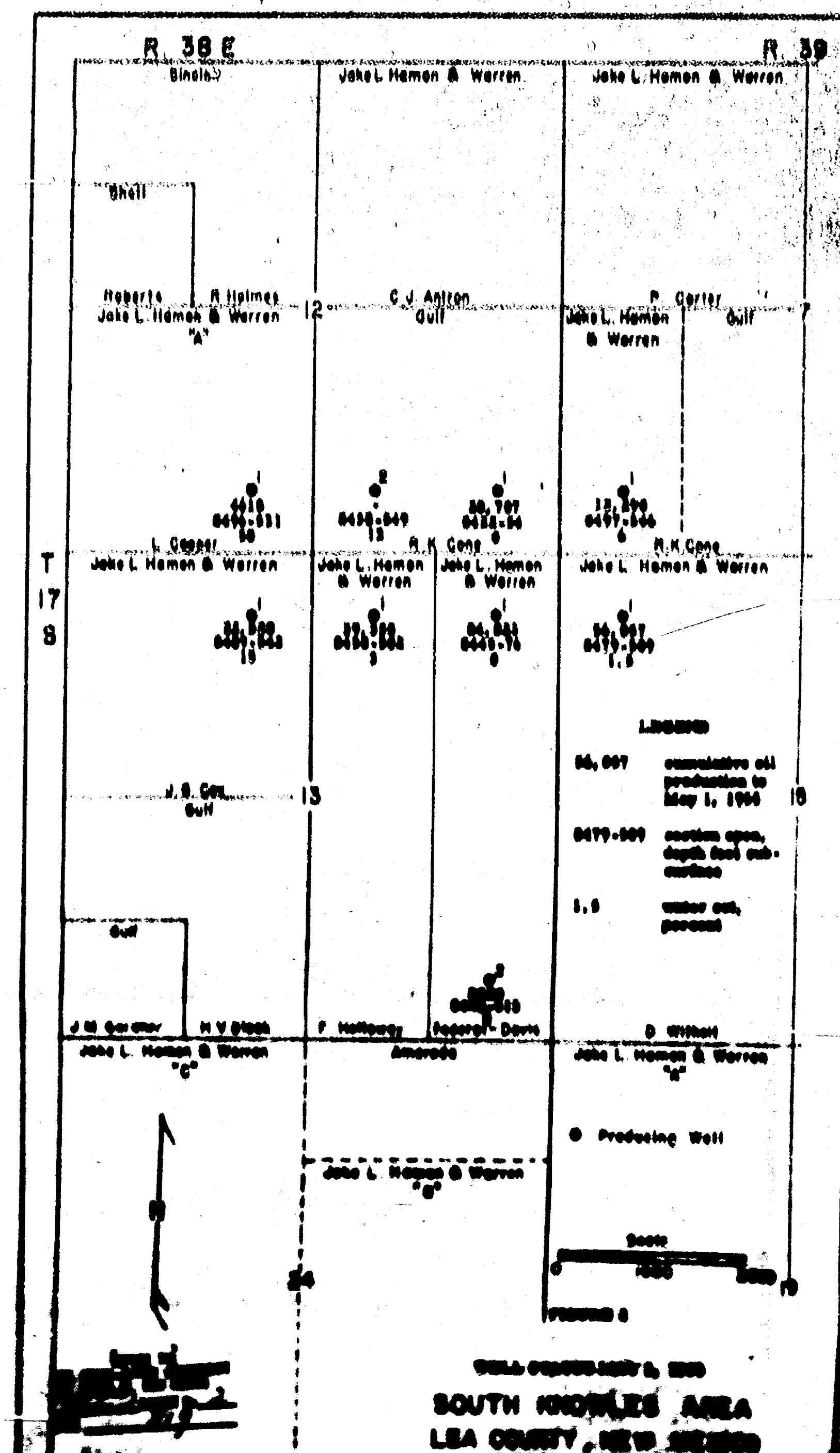
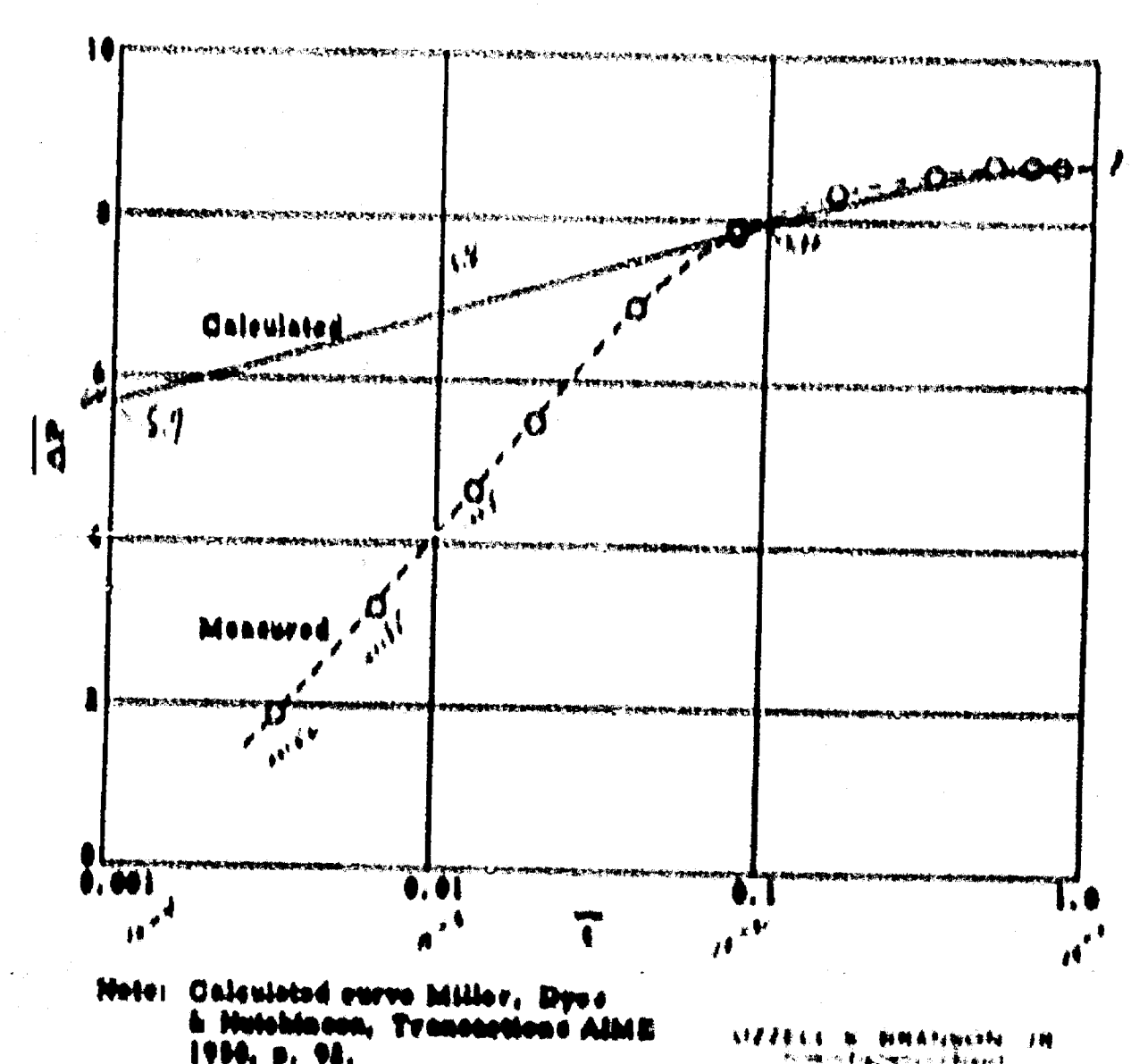
## EXHIBIT 5 RESERVOIR DATA SOUTH KNOWLES FIELD LEA COUNTY, NEW MEXICO

|                                                                   |       |
|-------------------------------------------------------------------|-------|
| Number of Wells Cored and Analyzed                                | 4     |
| Total Feet of Permeable Production Formation Analyzed             | 107   |
| Permeability, 0 to 445 millidarcys, average                       | 19.9  |
| Porosity, 0.7 to 11.3 percent of bulk volume, average             | 4.1   |
| Average Residual Oil Saturation, percent of pore space            | 8.1   |
| Average Water Saturation, percent of pore space                   | 90.9  |
| Productive Thickness, percent of gross section (1)                | 25    |
| Original Measured Reservoir Pressure, psig @ 8450 feet subsea (2) | 4992  |
| Saturation Pressure, psig                                         | 1158  |
| Solution Gas Oil Ratio, cubic feet per barrel standard oil        | 970   |
| Reservoir Oil Viscosity, centipoises @ 182°F, 4900 psig           | 0.48  |
| Formation Volume Factor, barrels produced per barrel standard     | 1.167 |
| Estimated Cumulative Water Saturation, percent of pore space      | 21    |

(1) Section having over 1 millidarcy permeability, from analysis of entire section in Wilhoit #1.  
(2) 16 hours shut in - no change in test 6 hours.



## EXHIBIT 9 PERMEABILITY BUILD UP FEDERAL DAVIS #1 SOUTH KNOWLES FIELD LEA COUNTY, NEW MEXICO



13